

# Analyse af gener relevante ved mistanke om udviklingshæmning (IDP)

## Panelbeskrivelse

**Navn:** Analyse af gener relevante ved mistanke om udviklingshæmning (IDP)

**Antal gener:** 1936

**version:** 3.0

**Ibrugtagningsdato:** 2025-08-06

**Metodebeskrivelse: Prøveforberedelse og sekventering:** Der udføres helgenomsekventering (WGS) med Illumina PCR free library prep (tagmentation) og Illumina sekventering (NovaSeq). Middelsekventeringsdybden for analysen er minimum 30X og minimumsandelen af genomet, der er dækket minimum 15X, er 95 %. Middelsekventeringsdybden og andelen, der i gennemsnit er dækket minimum 15X, for de enkelte gener kan ses i nedenstående tabel.

**Dataanalyse:** Referencegenom: hg38. Alignment og variantkald foretages med hhv. BWA og GATK. Data analyseres for strukturelle varianter vha. Manta og GATK-gCNV. Der foretages *in silico* filtrering af data til relevante genregioner baseret på nedenstående tabel. Varianter med allelfrekvens mindre end 15% filtreres som udgangspunkt fra. For de anførte gener undersøges der for varianter i de proteinkodende regioner og de nærmeste 10 bp i de tilstødende ikke-proteinkodende regioner, samt varianter i ikke-proteinkodende regioner indberettet som sandsynlig patogene (C4) eller patogene (C5) i ClinVar. For genet *IKBK* er det primært større deletioner, der er sygdomsfremkaldende. Dette kan ikke detekteres med garanti ved nuværende analyse. Der kan rekvireres MLPA analyse ved specifik mistanke til dette gen. Varianter klassificeres iht. ACMGs klassifikationsguideline (PMID: 25741868), og hvis tilgængelig og relevant benyttes ClinGens genspecifikke guideline. Varianter af ukendt klinisk betydning (C3) anføres kun i svaret, hvis de vurderes relevante i forhold til sygdomsbilledet. Anlægsbærerstatus for recessiv sygdom rapporteres ikke nødvendigvis. Genomsekventering er en screeningsmetode, og ikke alle varianter kan med sikkerhed identificeres. Den udførte analyse har ikke samme sensitivitet som DNA-microarrayanalyse ift. strukturelle varianter.

## Genliste

Gener, hvor middelsekventeringsdybden er < 30X, er markeret med<sup>1</sup>. Gener, hvor andelen af de kodede regioner, der dækket minimum 15X, er < 95 % er markeret med<sup>2</sup>. Gener, der derudover vides at være suboptimalt dækket, er markeret med<sup>3</sup>. Værdier er angivet med +/- standardafvigelse.

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <b>AAAS</b>    | 52.63 +/- 7.98               | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 98.83 +/- 5.07   |
| <b>AARS1</b>   | 52.22 +/- 8.24               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.83 +/- 2.63   |
| <b>AASS</b>    | 54.57 +/- 7.59               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.68 +/- 0.74   |
| <b>ABAT</b>    | 51.45 +/- 8.19               | 100.0 +/- 0.0    | 99.86 +/- 0.86   | 98.08 +/- 5.29   |
| <b>ABCA2</b>   | 51.5 +/- 8.93                | 99.99 +/- 0.05   | 99.51 +/- 1.09   | 95.66 +/- 6.11   |
| <b>ABCC8</b>   | 51.41 +/- 8.85               | 100.0 +/- 0.0    | 99.98 +/- 0.06   | 98.29 +/- 6.33   |
| <b>ABCC9</b>   | 55.36 +/- 7.4                | 100.0 +/- 0.0    | 99.96 +/- 0.13   | 98.98 +/- 1.65   |
| <b>ABCD1</b>   | 40.69 +/- 15.58              | 99.84 +/- 0.77   | 90.9 +/- 15.14   | 66.18 +/- 38.73  |
| <b>ABCD4</b>   | 52.15 +/- 8.0                | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.88 +/- 3.06   |
| <b>ABHD16A</b> | 50.0 +/- 8.43                | 100.0 +/- 0.0    | 99.84 +/- 0.52   | 97.32 +/- 6.12   |
| <b>ABHD5</b>   | 55.97 +/- 7.85               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.6 +/- 1.04    |
| <b>ACAD9</b>   | 53.83 +/- 8.75               | 99.99 +/- 0.03   | 99.99 +/- 0.03   | 98.88 +/- 4.15   |
| <b>ACADS</b>   | 53.91 +/- 8.89               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.89 +/- 3.44   |
| <b>ACADSB</b>  | 54.61 +/- 7.9                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.43 +/- 1.59   |
| <b>ACAT1</b>   | 54.97 +/- 8.24               | 100.0 +/- 0.0    | 99.31 +/- 0.98   | 97.21 +/- 2.04   |
| <b>ACBD6</b>   | 53.13 +/- 7.15               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.84 +/- 2.95   |
| <b>ACER3</b>   | 54.6 +/- 7.7                 | 99.88 +/- 0.1    | 99.85 +/- 0.13   | 98.96 +/- 1.53   |
| <b>ACO2</b>    | 52.76 +/- 9.0                | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 98.21 +/- 6.91   |
| <b>ACOX1</b>   | 53.92 +/- 7.77               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.2 +/- 2.95    |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <b>ACSF3</b>    | 53.05 +/- 8.68               | 100.0 +/- 0.0    | 99.88 +/- 0.41   | 97.93 +/- 5.38   |
| <b>ACSL4</b>    | 43.34 +/- 16.26              | 99.99 +/- 0.05   | 95.28 +/- 8.01   | 70.33 +/- 35.08  |
| <b>ACTB</b>     | 52.67 +/- 9.59               | 100.0 +/- 0.0    | 99.97 +/- 0.13   | 98.33 +/- 4.59   |
| <b>ACTG1</b>    | 50.51 +/- 9.23               | 100.0 +/- 0.0    | 99.86 +/- 0.67   | 97.56 +/- 4.62   |
| <b>ACTL6A</b>   | 53.69 +/- 7.61               | 100.0 +/- 0.0    | 99.92 +/- 0.57   | 99.23 +/- 2.19   |
| <b>ACTL6B</b>   | 47.23 +/- 8.79               | 100.0 +/- 0.0    | 99.82 +/- 1.01   | 95.12 +/- 11.37  |
| <b>ACVR1</b>    | 52.36 +/- 7.36               | 99.95 +/- 0.31   | 99.14 +/- 1.99   | 94.97 +/- 6.16   |
| <b>ACY1</b>     | 51.97 +/- 9.29               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 98.12 +/- 5.65   |
| <b>ADAM22</b>   | 55.58 +/- 7.54               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.14   |
| <b>ADAR</b>     | 52.76 +/- 8.27               | 100.0 +/- 0.0    | 99.94 +/- 0.2    | 98.73 +/- 3.46   |
| <b>ADARB1</b>   | 54.72 +/- 8.06               | 99.95 +/- 0.12   | 99.48 +/- 0.86   | 97.4 +/- 2.97    |
| <b>ADAT3</b>    | 62.77 +/- 11.47              | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 99.61 +/- 1.42   |
| <b>ADCY5</b>    | 51.85 +/- 8.42               | 100.0 +/- 0.0    | 99.86 +/- 0.44   | 97.15 +/- 7.11   |
| <b>ADD1</b>     | 52.6 +/- 8.04                | 100.0 +/- 0.0    | 99.82 +/- 0.48   | 97.71 +/- 3.71   |
| <b>ADD3</b>     | 55.59 +/- 8.17               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.18 +/- 1.55   |
| <b>ADGRG1</b>   | 50.81 +/- 8.3                | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 97.84 +/- 5.27   |
| <b>ADGRL1</b>   | 50.03 +/- 8.63               | 100.0 +/- 0.0    | 99.6 +/- 2.03    | 96.22 +/- 8.39   |
| <b>ADK</b>      | 56.5 +/- 7.28                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 1.66    |
| <b>ADNP</b>     | 52.91 +/- 7.54               | 99.99 +/- 0.05   | 99.48 +/- 0.98   | 96.68 +/- 3.31   |
| <b>ADPRS</b>    | 53.85 +/- 9.18               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.8 +/- 4.56    |
| <b>ADSL</b>     | 53.61 +/- 8.13               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.09 +/- 3.78   |
| <b>AFF2</b>     | 42.08 +/- 15.93              | 99.75 +/- 0.74   | 92.72 +/- 11.98  | 68.33 +/- 35.42  |
| <b>AFF3</b>     | 53.87 +/- 7.92               | 100.0 +/- 0.0    | 99.96 +/- 0.15   | 98.68 +/- 2.61   |
| <b>AFF4</b>     | 54.83 +/- 7.35               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.05 +/- 2.22   |
| <b>AFG2A</b>    | 55.12 +/- 7.2                | 99.98 +/- 0.04   | 99.91 +/- 0.27   | 99.32 +/- 2.73   |
| <b>AFG2B</b>    | 53.18 +/- 8.08               | 100.0 +/- 0.0    | 99.87 +/- 0.64   | 98.07 +/- 6.1    |
| <b>AFG3L2</b>   | 54.26 +/- 7.85               | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 98.97 +/- 2.49   |
| <b>AGA</b>      | 55.71 +/- 7.7                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.76 +/- 1.07   |
| <b>AGAP1</b>    | 51.37 +/- 7.75               | 99.88 +/- 0.4    | 98.53 +/- 1.93   | 94.22 +/- 5.23   |
| <b>AGMO</b>     | 55.66 +/- 7.84               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 1.46   |
| <b>AGO1</b>     | 53.1 +/- 8.02                | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.06 +/- 1.93   |
| <b>AGO2</b>     | 55.37 +/- 7.85               | 99.98 +/- 0.15   | 99.68 +/- 0.44   | 98.52 +/- 1.88   |
| <b>AGTPBP1</b>  | 55.12 +/- 7.42               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.45 +/- 1.0    |
| <b>AHCY</b>     | 52.21 +/- 8.33               | 100.0 +/- 0.0    | 99.93 +/- 0.46   | 98.32 +/- 6.9    |
| <b>AHDC1</b>    | 53.03 +/- 8.52               | 100.0 +/- 0.0    | 99.43 +/- 1.15   | 95.79 +/- 4.87   |
| <b>AHI1</b>     | 55.19 +/- 7.32               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.54 +/- 0.81   |
| <b>AHSG</b>     | 51.38 +/- 8.74               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 98.7 +/- 4.32    |
| <b>AIFM1</b>    | 40.89 +/- 15.81              | 99.86 +/- 0.59   | 91.64 +/- 13.41  | 65.89 +/- 38.83  |
| <b>AIMP1</b>    | 54.17 +/- 7.19               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.36 +/- 1.47   |
| <b>AIMP2</b>    | 52.25 +/- 8.12               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 98.23 +/- 6.73   |
| <b>AJAP1</b>    | 52.61 +/- 7.63               | 100.0 +/- 0.02   | 99.82 +/- 0.72   | 98.0 +/- 4.53    |
| <b>AKT3</b>     | 53.49 +/- 7.76               | 99.99 +/- 0.03   | 99.6 +/- 0.81    | 98.06 +/- 2.12   |
| <b>ALDH18A1</b> | 54.07 +/- 7.8                | 100.0 +/- 0.0    | 99.96 +/- 0.28   | 99.09 +/- 2.87   |
| <b>ALDH3A2</b>  | 52.74 +/- 7.61               | 100.0 +/- 0.02   | 99.99 +/- 0.03   | 98.94 +/- 1.83   |
| <b>ALDH4A1</b>  | 51.35 +/- 8.46               | 100.0 +/- 0.0    | 99.86 +/- 0.31   | 97.28 +/- 5.61   |
| <b>ALDH5A1</b>  | 53.79 +/- 7.43               | 100.0 +/- 0.0    | 99.96 +/- 0.22   | 99.18 +/- 2.73   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <b>ALDH7A1</b> | 53.15 +/- 7.58               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.07 +/- 2.74   |
| <b>ALG1</b>    | 52.41 +/- 8.45               | 99.96 +/- 0.05   | 99.95 +/- 0.06   | 99.05 +/- 4.0    |
| <b>ALG11</b>   | 54.73 +/- 7.73               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.53 +/- 1.15   |
| <b>ALG12</b>   | 56.13 +/- 8.89               | 99.98 +/- 0.13   | 99.68 +/- 0.73   | 97.99 +/- 4.33   |
| <b>ALG13</b>   | 42.18 +/- 15.57              | 99.92 +/- 0.25   | 93.61 +/- 9.57   | 68.82 +/- 34.14  |
| <b>ALG14</b>   | 53.71 +/- 7.77               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.37 +/- 1.7    |
| <b>ALG2</b>    | 55.37 +/- 8.44               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.63   |
| <b>ALG3</b>    | 50.28 +/- 8.39               | 100.0 +/- 0.0    | 99.87 +/- 0.54   | 97.91 +/- 7.37   |
| <b>ALG6</b>    | 54.48 +/- 7.68               | 100.0 +/- 0.03   | 100.0 +/- 0.03   | 99.47 +/- 1.23   |
| <b>ALG8</b>    | 55.44 +/- 7.77               | 100.0 +/- 0.0    | 99.95 +/- 0.31   | 99.55 +/- 1.3    |
| <b>ALG9</b>    | 54.81 +/- 8.3                | 99.99 +/- 0.05   | 99.99 +/- 0.05   | 99.35 +/- 1.81   |
| <b>ALKBH8</b>  | 55.64 +/- 7.51               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 99.4 +/- 1.97    |
| <b>ALMS1</b>   | 53.24 +/- 7.52               | 100.0 +/- 0.0    | 99.98 +/- 0.06   | 99.18 +/- 1.66   |
| <b>ALX3</b>    | 48.99 +/- 8.76               | 100.0 +/- 0.0    | 99.34 +/- 2.43   | 95.92 +/- 9.64   |
| <b>ALX4</b>    | 52.2 +/- 8.21                | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 98.58 +/- 4.7    |
| <b>AMER1</b>   | 40.4 +/- 15.38               | 99.68 +/- 1.03   | 91.0 +/- 15.47   | 65.97 +/- 37.88  |
| <b>AMFR</b>    | 51.82 +/- 7.46               | 99.95 +/- 0.09   | 99.67 +/- 1.13   | 97.32 +/- 5.91   |
| <b>AMMECR1</b> | 42.61 +/- 15.82              | 99.89 +/- 0.42   | 93.93 +/- 10.1   | 69.38 +/- 35.09  |
| <b>AMOTL1</b>  | 52.8 +/- 8.18                | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 98.72 +/- 3.69   |
| <b>AMPD2</b>   | 51.27 +/- 8.22               | 100.0 +/- 0.0    | 99.88 +/- 0.59   | 98.16 +/- 4.33   |
| <b>AMT</b>     | 51.1 +/- 9.37                | 100.0 +/- 0.01   | 99.76 +/- 1.61   | 98.1 +/- 7.43    |
| <b>ANK2</b>    | 54.32 +/- 7.66               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.3 +/- 2.01    |
| <b>ANK3</b>    | 54.41 +/- 7.59               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.51 +/- 1.45   |
| <b>ANKH</b>    | 53.92 +/- 8.24               | 99.94 +/- 0.18   | 99.66 +/- 0.41   | 98.22 +/- 2.48   |
| <b>ANKLE2</b>  | 52.91 +/- 7.63               | 100.0 +/- 0.0    | 99.7 +/- 1.09    | 97.06 +/- 4.53   |
| <b>ANKRD11</b> | 51.64 +/- 7.84               | 99.96 +/- 0.25   | 99.12 +/- 1.83   | 95.6 +/- 5.63    |
| <b>ANKRD17</b> | 54.54 +/- 7.69               | 100.0 +/- 0.0    | 99.96 +/- 0.18   | 98.91 +/- 1.94   |
| <b>ANKS1B</b>  | 53.43 +/- 7.82               | 100.0 +/- 0.0    | 99.68 +/- 0.92   | 97.2 +/- 3.42    |
| <b>ANO10</b>   | 53.61 +/- 7.6                | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.2 +/- 3.18    |
| <b>ANO4</b>    | 54.89 +/- 7.62               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.5 +/- 1.36    |
| <b>ANTXR1</b>  | 52.3 +/- 7.88                | 99.93 +/- 0.19   | 98.54 +/- 1.07   | 95.62 +/- 3.69   |
| <b>AP1B1</b>   | 51.73 +/- 7.83               | 100.0 +/- 0.0    | 99.9 +/- 0.47    | 98.42 +/- 4.25   |
| <b>AP1G1</b>   | 53.65 +/- 7.73               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.32 +/- 1.94   |
| <b>AP1S1</b>   | 48.22 +/- 8.29               | 100.0 +/- 0.0    | 99.81 +/- 0.9    | 95.14 +/- 8.63   |
| <b>AP1S2</b>   | 43.34 +/- 16.23              | 99.77 +/- 0.96   | 94.39 +/- 11.4   | 72.04 +/- 33.13  |
| <b>AP2M1</b>   | 50.49 +/- 8.2                | 100.0 +/- 0.0    | 99.68 +/- 2.03   | 98.03 +/- 7.39   |
| <b>AP2S1</b>   | 46.71 +/- 8.82               | 100.0 +/- 0.0    | 99.72 +/- 0.73   | 94.83 +/- 9.39   |
| <b>AP3B1</b>   | 55.41 +/- 7.43               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.47 +/- 1.56   |
| <b>AP3B2</b>   | 50.2 +/- 8.18                | 100.0 +/- 0.0    | 99.94 +/- 0.33   | 97.75 +/- 5.41   |
| <b>AP3D1</b>   | 54.84 +/- 8.97               | 100.0 +/- 0.0    | 99.95 +/- 0.18   | 98.2 +/- 6.19    |
| <b>AP4B1</b>   | 54.44 +/- 8.15               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 2.46    |
| <b>AP4E1</b>   | 55.73 +/- 7.25               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.69 +/- 0.65   |
| <b>AP4M1</b>   | 50.12 +/- 8.82               | 100.0 +/- 0.0    | 99.87 +/- 0.78   | 97.77 +/- 7.54   |
| <b>AP4S1</b>   | 54.2 +/- 7.87                | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.38 +/- 1.18   |
| <b>APC2</b>    | 51.72 +/- 8.94               | 100.0 +/- 0.0    | 99.76 +/- 1.0    | 96.53 +/- 9.01   |
| <b>APTX</b>    | 53.55 +/- 8.23               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.62 +/- 0.82   |
| <b>ARCN1</b>   | 54.17 +/- 7.92               | 99.93 +/- 0.04   | 99.9 +/- 0.08    | 98.84 +/- 2.22   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <b>ARF1</b>     | 55.12 +/- 8.64               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.89 +/- 2.15   |
| <b>ARF3</b>     | 50.85 +/- 8.13               | 100.0 +/- 0.0    | 99.9 +/- 0.66    | 98.31 +/- 5.97   |
| <b>ARFGEF1</b>  | 54.43 +/- 7.55               | 100.0 +/- 0.0    | 99.84 +/- 0.44   | 98.45 +/- 2.41   |
| <b>ARFGEF2</b>  | 54.58 +/- 7.58               | 100.0 +/- 0.0    | 99.94 +/- 0.25   | 99.15 +/- 2.34   |
| <b>ARG1</b>     | 57.77 +/- 7.4                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.88 +/- 0.46   |
| <b>ARHGAP31</b> | 50.69 +/- 8.24               | 100.0 +/- 0.0    | 99.9 +/- 0.4     | 97.85 +/- 3.3    |
| <b>ARHGAP35</b> | 52.71 +/- 7.74               | 100.0 +/- 0.0    | 99.84 +/- 0.42   | 98.06 +/- 3.62   |
| <b>ARHGEF6</b>  | 42.67 +/- 16.11              | 99.97 +/- 0.13   | 94.35 +/- 10.27  | 69.02 +/- 36.18  |
| <b>ARHGEF9</b>  | 41.83 +/- 15.77              | 99.89 +/- 0.62   | 94.28 +/- 10.65  | 69.05 +/- 35.88  |
| <b>ARID1A</b>   | 49.45 +/- 7.54               | 99.94 +/- 0.26   | 98.92 +/- 2.17   | 93.07 +/- 7.45   |
| <b>ARID1B</b>   | 50.67 +/- 7.13               | 99.97 +/- 0.12   | 98.93 +/- 2.58   | 93.58 +/- 5.86   |
| <b>ARID2</b>    | 54.99 +/- 7.5                | 100.0 +/- 0.0    | 99.81 +/- 0.28   | 98.58 +/- 1.41   |
| <b>ARL13B</b>   | 55.42 +/- 6.97               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 0.82   |
| <b>ARL6</b>     | 56.43 +/- 7.8                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.46 +/- 1.64   |
| <b>ARMC9</b>    | 52.98 +/- 8.18               | 100.0 +/- 0.01   | 99.98 +/- 0.09   | 98.97 +/- 3.48   |
| <b>ARPC4</b>    | 55.76 +/- 8.6                | 99.99 +/- 0.03   | 99.96 +/- 0.05   | 99.16 +/- 2.57   |
| <b>ARSA</b>     | 48.47 +/- 7.85               | 99.65 +/- 0.28   | 99.27 +/- 0.98   | 96.16 +/- 5.99   |
| <b>ARSL</b>     | 41.3 +/- 15.58               | 99.91 +/- 0.44   | 92.63 +/- 12.02  | 66.35 +/- 38.6   |
| <b>ARV1</b>     | 54.67 +/- 7.32               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.48 +/- 2.13   |
| <b>ARX</b>      | 37.93 +/- 14.54              | 99.24 +/- 3.1    | 86.13 +/- 20.15  | 60.65 +/- 40.35  |
| <b>ASAH1</b>    | 55.58 +/- 7.86               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.73 +/- 0.81   |
| <b>ASH1L</b>    | 53.22 +/- 7.57               | 100.0 +/- 0.0    | 99.94 +/- 0.21   | 99.07 +/- 2.11   |
| <b>ASL</b>      | 51.58 +/- 8.44               | 100.0 +/- 0.0    | 99.89 +/- 0.75   | 98.0 +/- 6.59    |
| <b>ASNS</b>     | 55.24 +/- 7.64               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 1.1    |
| <b>ASPA</b>     | 54.36 +/- 7.76               | 99.9 +/- 0.03    | 99.89 +/- 0.06   | 99.34 +/- 1.35   |
| <b>ASPM</b>     | 55.28 +/- 7.43               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.36 +/- 1.24   |
| <b>ASS1</b>     | 51.88 +/- 8.26               | 100.0 +/- 0.0    | 99.95 +/- 0.34   | 98.63 +/- 3.59   |
| <b>ASXL1</b>    | 51.35 +/- 7.91               | 100.0 +/- 0.0    | 99.84 +/- 0.57   | 97.89 +/- 3.89   |
| <b>ASXL2</b>    | 53.68 +/- 7.34               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.92 +/- 2.06   |
| <b>ASXL3</b>    | 53.45 +/- 7.47               | 99.94 +/- 0.16   | 99.11 +/- 1.01   | 97.11 +/- 2.63   |
| <b>ATAD1</b>    | 55.69 +/- 7.92               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.53 +/- 0.93   |
| <b>ATAD3A</b>   | 48.89 +/- 8.14               | 99.97 +/- 0.21   | 99.32 +/- 1.57   | 93.42 +/- 7.9    |
| <b>ATCAY</b>    | 52.19 +/- 8.1                | 100.0 +/- 0.0    | 99.95 +/- 0.33   | 98.74 +/- 3.93   |
| <b>ATG4D</b>    | 49.89 +/- 7.91               | 100.0 +/- 0.0    | 99.87 +/- 0.57   | 96.36 +/- 6.61   |
| <b>ATG7</b>     | 53.52 +/- 8.19               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 98.52 +/- 4.62   |
| <b>ATIC</b>     | 54.44 +/- 7.67               | 100.0 +/- 0.0    | 99.97 +/- 0.13   | 99.09 +/- 1.81   |
| <b>ATL1</b>     | 54.36 +/- 7.58               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.42 +/- 1.26   |
| <b>ATN1</b>     | 44.43 +/- 7.51               | 99.96 +/- 0.14   | 98.08 +/- 3.62   | 88.3 +/- 12.51   |
| <b>ATP13A2</b>  | 51.75 +/- 8.62               | 100.0 +/- 0.0    | 99.88 +/- 0.45   | 97.48 +/- 6.81   |
| <b>ATP1A1</b>   | 52.97 +/- 7.68               | 100.0 +/- 0.0    | 99.94 +/- 0.25   | 98.32 +/- 3.65   |
| <b>ATP1A2</b>   | 51.77 +/- 7.93               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.68 +/- 5.18   |
| <b>ATP1A3</b>   | 48.22 +/- 8.29               | 100.0 +/- 0.0    | 99.67 +/- 0.84   | 95.22 +/- 8.1    |
| <b>ATP2A2</b>   | 52.6 +/- 8.16                | 100.0 +/- 0.0    | 99.79 +/- 0.79   | 98.3 +/- 3.4     |
| <b>ATP2B1</b>   | 54.91 +/- 7.25               | 100.0 +/- 0.0    | 99.94 +/- 0.19   | 99.04 +/- 1.81   |
| <b>ATP2B2</b>   | 51.4 +/- 7.76                | 100.0 +/- 0.0    | 99.81 +/- 0.44   | 97.53 +/- 4.73   |
| <b>ATP5F1A</b>  | 53.74 +/- 7.44               | 99.99 +/- 0.03   | 99.98 +/- 0.04   | 99.25 +/- 1.51   |
| <b>ATP5PO</b>   | 57.22 +/- 8.13               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 1.31   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>ATP6AP1</i>  | 39.35 +/- 15.09              | 99.76 +/- 1.1    | 90.64 +/- 16.23  | 64.66 +/- 40.72  |
| <i>ATP6AP2</i>  | 42.96 +/- 15.86              | 100.0 +/- 0.03   | 95.15 +/- 8.27   | 70.64 +/- 34.67  |
| <i>ATP6V0A1</i> | 52.07 +/- 7.57               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.89 +/- 3.11   |
| <i>ATP6V0A2</i> | 53.61 +/- 7.71               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.26 +/- 1.69   |
| <i>ATP6V0C</i>  | 49.92 +/- 8.2                | 100.0 +/- 0.0    | 99.58 +/- 1.86   | 94.19 +/- 10.39  |
| <i>ATP6V1A</i>  | 54.79 +/- 7.11               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.25 +/- 1.27   |
| <i>ATP6V1B2</i> | 54.79 +/- 7.39               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.19 +/- 2.55   |
| <i>ATP7A</i>    | 43.33 +/- 15.52              | 99.96 +/- 0.18   | 95.79 +/- 8.35   | 72.22 +/- 33.03  |
| <i>ATP8A2</i>   | 53.93 +/- 7.33               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.14 +/- 1.76   |
| <i>ATP9A</i>    | 53.28 +/- 8.04               | 100.0 +/- 0.0    | 99.88 +/- 0.36   | 98.27 +/- 3.18   |
| <i>ATR</i>      | 55.58 +/- 7.32               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.47 +/- 1.1    |
| <i>ATRX</i>     | 41.93 +/- 15.41              | 99.92 +/- 0.24   | 94.06 +/- 9.46   | 68.88 +/- 35.99  |
| <i>ATXN2L</i>   | 48.4 +/- 7.4                 | 99.94 +/- 0.32   | 98.87 +/- 2.53   | 93.71 +/- 9.08   |
| <i>ATXN7L3</i>  | 47.71 +/- 8.47               | 99.9 +/- 0.43    | 97.56 +/- 3.14   | 91.44 +/- 7.45   |
| <i>AUH</i>      | 54.68 +/- 7.55               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.27 +/- 2.11   |
| <i>AUTS2</i>    | 50.71 +/- 7.74               | 100.0 +/- 0.0    | 99.69 +/- 1.07   | 96.44 +/- 6.75   |
| <i>AVPR2</i>    | 41.86 +/- 16.72              | 99.92 +/- 0.49   | 91.14 +/- 15.73  | 66.73 +/- 38.65  |
| <i>AXIN1</i>    | 53.22 +/- 8.45               | 100.0 +/- 0.02   | 99.59 +/- 1.1    | 96.1 +/- 5.09    |
| <i>B3GALNT2</i> | 54.46 +/- 7.74               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 99.41 +/- 1.46   |
| <i>B3GALT6</i>  | 54.13 +/- 9.42               | 100.0 +/- 0.0    | 99.68 +/- 1.64   | 97.2 +/- 6.81    |
| <i>B3GLCT</i>   | 54.52 +/- 7.58               | 99.86 +/- 0.09   | 99.86 +/- 0.09   | 99.11 +/- 1.48   |
| <i>B4GALNT1</i> | 49.58 +/- 8.27               | 100.0 +/- 0.0    | 99.92 +/- 0.46   | 97.44 +/- 7.28   |
| <i>B4GALT1</i>  | 52.1 +/- 7.87                | 100.0 +/- 0.0    | 99.9 +/- 0.58    | 98.37 +/- 4.93   |
| <i>B4GALT7</i>  | 50.02 +/- 8.54               | 99.99 +/- 0.07   | 99.76 +/- 1.15   | 96.99 +/- 6.52   |
| <i>B4GAT1</i>   | 51.39 +/- 8.44               | 100.0 +/- 0.0    | 99.84 +/- 1.09   | 97.87 +/- 8.35   |
| <i>B9D1</i>     | 51.09 +/- 8.08               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.7 +/- 5.02    |
| <i>B9D2</i>     | 51.21 +/- 8.93               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.53 +/- 5.79   |
| <i>BAP1</i>     | 51.77 +/- 8.83               | 100.0 +/- 0.0    | 99.91 +/- 0.4    | 98.41 +/- 4.82   |
| <i>BAZ2B</i>    | 55.42 +/- 7.52               | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 99.36 +/- 1.18   |
| <i>BBS1</i>     | 52.34 +/- 8.31               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.98 +/- 3.48   |
| <i>BBS10</i>    | 55.8 +/- 7.93                | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 99.53 +/- 1.25   |
| <i>BBS12</i>    | 56.62 +/- 8.74               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.45 +/- 1.89   |
| <i>BBS2</i>     | 54.23 +/- 7.64               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.72 +/- 0.61   |
| <i>BBS4</i>     | 53.66 +/- 8.02               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.52 +/- 1.37   |
| <i>BBS5</i>     | 52.67 +/- 7.75               | 99.98 +/- 0.12   | 99.54 +/- 1.04   | 96.14 +/- 5.26   |
| <i>BBS7</i>     | 56.19 +/- 7.17               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.64 +/- 0.95   |
| <i>BBS9</i>     | 54.64 +/- 7.47               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.15 +/- 1.85   |
| <i>BCAP31</i>   | 38.02 +/- 15.4               | 99.73 +/- 1.47   | 88.22 +/- 16.85  | 60.73 +/- 39.33  |
| <i>BCAS3</i>    | 52.53 +/- 7.81               | 100.0 +/- 0.0    | 99.93 +/- 0.4    | 98.24 +/- 4.54   |
| <i>BCAT2</i>    | 51.28 +/- 8.35               | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.65 +/- 5.58   |
| <i>BCKDHA</i>   | 52.06 +/- 8.84               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.54 +/- 3.54   |
| <i>BCKDHB</i>   | 54.89 +/- 7.08               | 99.94 +/- 0.05   | 99.92 +/- 0.04   | 99.18 +/- 1.9    |
| <i>BCKDK</i>    | 51.89 +/- 8.26               | 100.0 +/- 0.0    | 99.9 +/- 0.48    | 97.88 +/- 6.75   |
| <i>BCL11A</i>   | 56.3 +/- 7.63                | 100.0 +/- 0.0    | 99.88 +/- 0.3    | 98.3 +/- 1.95    |
| <i>BCL11B</i>   | 52.47 +/- 7.77               | 100.0 +/- 0.0    | 99.9 +/- 0.29    | 97.5 +/- 6.47    |
| <i>BCOR</i>     | 41.48 +/- 15.61              | 99.57 +/- 1.64   | 91.31 +/- 13.69  | 67.34 +/- 35.47  |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>BCORL1</i>   | 39.16 +/- 15.12              | 99.72 +/- 1.26   | 89.78 +/- 16.09  | 63.94 +/- 39.37  |
| <i>BCS1L</i>    | 52.14 +/- 8.4                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.85 +/- 5.02   |
| <i>BHLHE22</i>  | 48.63 +/- 6.94               | 100.0 +/- 0.0    | 99.22 +/- 2.69   | 94.5 +/- 8.72    |
| <i>BICD2</i>    | 54.92 +/- 8.11               | 100.0 +/- 0.0    | 99.92 +/- 0.36   | 98.74 +/- 3.24   |
| <i>BICRA</i>    | 47.36 +/- 8.5                | 99.88 +/- 0.36   | 97.48 +/- 3.07   | 88.68 +/- 11.13  |
| <i>BLM</i>      | 55.78 +/- 7.53               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.74 +/- 0.69   |
| <i>BLOC1S1</i>  | 48.85 +/- 8.79               | 100.0 +/- 0.0    | 99.86 +/- 0.95   | 96.06 +/- 10.09  |
| <i>BLTP1</i>    | 56.02 +/- 7.5                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 0.9    |
| <i>BMP4</i>     | 54.45 +/- 8.03               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.78 +/- 3.56   |
| <i>BOLA3</i>    | 54.87 +/- 8.68               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.3 +/- 4.29    |
| <i>BORCS8</i>   | 48.22 +/- 8.04               | 100.0 +/- 0.0    | 99.66 +/- 2.3    | 97.47 +/- 8.95   |
| <i>BPTF</i>     | 52.94 +/- 7.3                | 99.96 +/- 0.18   | 99.45 +/- 0.97   | 96.52 +/- 2.87   |
| <i>BRAF</i>     | 53.15 +/- 6.81               | 99.99 +/- 0.05   | 99.51 +/- 1.19   | 97.12 +/- 2.41   |
| <i>BRAT1</i>    | 52.93 +/- 8.47               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.76 +/- 4.4    |
| <i>BRD4</i>     | 46.81 +/- 7.69               | 99.91 +/- 0.19   | 97.3 +/- 2.86    | 88.68 +/- 8.44   |
| <i>BRF1</i>     | 52.87 +/- 9.02               | 100.0 +/- 0.0    | 99.8 +/- 0.98    | 97.4 +/- 7.85    |
| <i>BRPF1</i>    | 52.17 +/- 8.38               | 100.0 +/- 0.0    | 99.95 +/- 0.33   | 98.67 +/- 3.87   |
| <i>BRSK2</i>    | 52.98 +/- 9.31               | 99.99 +/- 0.04   | 99.43 +/- 1.66   | 95.86 +/- 7.38   |
| <i>BRWD3</i>    | 41.61 +/- 15.16              | 99.67 +/- 0.54   | 93.42 +/- 8.67   | 68.36 +/- 34.14  |
| <i>BSC12</i>    | 52.38 +/- 8.46               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.79 +/- 6.57   |
| <i>BSN</i>      | 52.5 +/- 8.32                | 100.0 +/- 0.0    | 99.84 +/- 0.55   | 97.95 +/- 6.29   |
| <i>BTD</i>      | 54.43 +/- 8.0                | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.44 +/- 1.81   |
| <i>BUB1</i>     | 55.59 +/- 7.79               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.6 +/- 1.6     |
| <i>BUB1B</i>    | 54.57 +/- 7.81               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.26 +/- 1.89   |
| <i>C12ORF57</i> | 49.91 +/- 7.86               | 100.0 +/- 0.0    | 99.84 +/- 1.09   | 98.38 +/- 6.52   |
| <i>C2CD3</i>    | 53.05 +/- 7.83               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.02 +/- 2.45   |
| <i>C2ORF69</i>  | 53.22 +/- 7.45               | 100.0 +/- 0.0    | 99.94 +/- 0.3    | 98.79 +/- 2.41   |
| <i>CA2</i>      | 55.27 +/- 8.18               | 100.0 +/- 0.0    | 99.94 +/- 0.4    | 99.07 +/- 2.18   |
| <i>CA5A</i>     | 52.72 +/- 9.18               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.06 +/- 2.13   |
| <i>CA8</i>      | 54.27 +/- 7.46               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.35 +/- 1.59   |
| <i>CACHD1</i>   | 53.01 +/- 7.04               | 100.0 +/- 0.01   | 99.88 +/- 0.66   | 98.35 +/- 3.28   |
| <i>CACNA1A</i>  | 49.1 +/- 7.77                | 99.98 +/- 0.05   | 99.52 +/- 1.75   | 95.06 +/- 8.13   |
| <i>CACNA1B</i>  | 51.75 +/- 7.85               | 100.0 +/- 0.0    | 99.77 +/- 1.01   | 97.49 +/- 6.91   |
| <i>CACNA1C</i>  | 51.85 +/- 7.82               | 100.0 +/- 0.0    | 99.82 +/- 0.82   | 98.29 +/- 3.77   |
| <i>CACNA1D</i>  | 53.11 +/- 8.01               | 99.99 +/- 0.03   | 99.86 +/- 0.41   | 98.66 +/- 3.17   |
| <i>CACNA1E</i>  | 52.4 +/- 7.8                 | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 98.51 +/- 3.36   |
| <i>CACNA1G</i>  | 49.87 +/- 8.16               | 100.0 +/- 0.0    | 99.9 +/- 0.41    | 96.71 +/- 6.9    |
| <i>CACNA1I</i>  | 49.6 +/- 8.44                | 99.94 +/- 0.25   | 99.5 +/- 1.56    | 95.32 +/- 8.9    |
| <i>CACNA2D1</i> | 55.07 +/- 7.4                | 100.0 +/- 0.0    | 99.99 +/- 0.08   | 99.34 +/- 1.35   |
| <i>CACNA2D2</i> | 49.95 +/- 8.77               | 100.0 +/- 0.01   | 99.61 +/- 1.41   | 96.11 +/- 7.62   |
| <i>CAD</i>      | 52.53 +/- 8.24               | 100.0 +/- 0.0    | 99.96 +/- 0.28   | 98.58 +/- 4.76   |
| <i>CAMK2A</i>   | 49.81 +/- 8.3                | 99.96 +/- 0.08   | 99.53 +/- 0.53   | 96.81 +/- 5.67   |
| <i>CAMK2B</i>   | 51.31 +/- 8.57               | 100.0 +/- 0.0    | 99.77 +/- 0.85   | 96.43 +/- 7.85   |
| <i>CAMK2D</i>   | 53.22 +/- 7.46               | 100.0 +/- 0.01   | 99.97 +/- 0.11   | 98.92 +/- 3.44   |
| <i>CAMK2G</i>   | 52.92 +/- 8.74               | 99.98 +/- 0.16   | 99.76 +/- 0.5    | 97.56 +/- 4.23   |
| <i>CAMK4</i>    | 54.29 +/- 7.64               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.42 +/- 1.25   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <b>CAMSAP1</b>  | 53.3 +/- 7.7                 | 99.99 +/- 0.06   | 99.6 +/- 1.19    | 97.57 +/- 3.16   |
| <b>CAMTA1</b>   | 53.41 +/- 7.82               | 100.0 +/- 0.0    | 99.75 +/- 0.45   | 98.54 +/- 2.78   |
| <b>CANT1</b>    | 53.52 +/- 8.43               | 100.0 +/- 0.0    | 99.94 +/- 0.43   | 98.46 +/- 6.36   |
| <b>CAPN15</b>   | 52.89 +/- 9.46               | 99.9 +/- 0.63    | 98.71 +/- 2.27   | 93.52 +/- 7.53   |
| <b>CAPRIN1</b>  | 54.6 +/- 7.78                | 100.0 +/- 0.0    | 99.89 +/- 0.38   | 98.67 +/- 2.34   |
| <b>CAPZA2</b>   | 53.5 +/- 7.36                | 99.99 +/- 0.03   | 99.97 +/- 0.15   | 99.26 +/- 1.54   |
| <b>CARS1</b>    | 55.27 +/- 8.86               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.19 +/- 2.98   |
| <b>CARS2</b>    | 53.03 +/- 8.02               | 100.0 +/- 0.0    | 99.92 +/- 0.49   | 97.96 +/- 4.2    |
| <b>CASK</b>     | 42.28 +/- 15.64              | 99.79 +/- 0.76   | 93.75 +/- 10.69  | 69.36 +/- 34.73  |
| <b>CASP2</b>    | 53.35 +/- 8.55               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.93 +/- 4.26   |
| <b>CBL</b>      | 53.02 +/- 7.87               | 100.0 +/- 0.0    | 99.95 +/- 0.18   | 98.83 +/- 3.14   |
| <b>CBS</b>      | 52.89 +/- 8.54               | 100.0 +/- 0.0    | 99.8 +/- 0.65    | 98.07 +/- 4.61   |
| <b>CBX1</b>     | 52.64 +/- 6.98               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.66 +/- 3.2    |
| <b>CC2D1A</b>   | 50.41 +/- 8.31               | 99.99 +/- 0.07   | 99.59 +/- 1.74   | 96.48 +/- 8.47   |
| <b>CC2D2A</b>   | 54.85 +/- 8.01               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.36 +/- 2.46   |
| <b>CCBE1</b>    | 53.39 +/- 7.4                | 100.0 +/- 0.01   | 99.96 +/- 0.08   | 98.88 +/- 2.31   |
| <b>CCDC174</b>  | 54.32 +/- 7.37               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.36 +/- 1.57   |
| <b>CCDC186</b>  | 55.41 +/- 7.05               | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 99.46 +/- 1.59   |
| <b>CCDC22</b>   | 38.59 +/- 15.36              | 99.52 +/- 1.73   | 88.55 +/- 18.33  | 62.97 +/- 41.25  |
| <b>CCDC32</b>   | 50.54 +/- 7.69               | 99.75 +/- 0.45   | 99.05 +/- 0.86   | 96.71 +/- 2.48   |
| <b>CCDC47</b>   | 54.65 +/- 7.39               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 1.1     |
| <b>CCDC88A</b>  | 54.04 +/- 7.13               | 100.0 +/- 0.01   | 99.94 +/- 0.09   | 98.76 +/- 1.85   |
| <b>CCDC88C</b>  | 52.15 +/- 8.34               | 100.0 +/- 0.0    | 99.87 +/- 0.54   | 98.18 +/- 4.86   |
| <b>CCND2</b>    | 52.37 +/- 7.89               | 100.0 +/- 0.0    | 99.95 +/- 0.23   | 98.81 +/- 4.01   |
| <b>CCNK</b>     | 49.23 +/- 7.32               | 98.72 +/- 1.52   | 94.89 +/- 2.37   | 90.22 +/- 5.19   |
| <b>CCT3</b>     | 54.84 +/- 8.18               | 99.99 +/- 0.03   | 99.99 +/- 0.03   | 99.38 +/- 2.35   |
| <b>CDC42</b>    | 54.23 +/- 8.14               | 99.89 +/- 0.09   | 99.76 +/- 0.23   | 98.9 +/- 2.28    |
| <b>CDC42BPB</b> | 53.64 +/- 7.98               | 100.0 +/- 0.01   | 99.58 +/- 1.02   | 96.8 +/- 4.97    |
| <b>CDC6</b>     | 55.81 +/- 8.32               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.67 +/- 0.81   |
| <b>CDH11</b>    | 54.58 +/- 7.47               | 100.0 +/- 0.01   | 99.98 +/- 0.07   | 99.22 +/- 1.69   |
| <b>CDH15</b>    | 50.79 +/- 8.89               | 100.0 +/- 0.0    | 99.8 +/- 1.14    | 96.26 +/- 8.28   |
| <b>CDH2</b>     | 55.66 +/- 7.43               | 99.99 +/- 0.06   | 99.92 +/- 0.31   | 99.21 +/- 1.51   |
| <b>CDK10</b>    | 51.65 +/- 8.51               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.42 +/- 5.38   |
| <b>CDK13</b>    | 52.81 +/- 7.32               | 100.0 +/- 0.0    | 99.93 +/- 0.36   | 98.42 +/- 3.58   |
| <b>CDK16</b>    | 38.28 +/- 15.38              | 99.46 +/- 1.78   | 87.38 +/- 19.99  | 61.6 +/- 42.84   |
| <b>CDK19</b>    | 54.59 +/- 7.36               | 99.99 +/- 0.04   | 99.83 +/- 0.63   | 98.42 +/- 2.4    |
| <b>CDK5RAP2</b> | 53.57 +/- 8.09               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.2 +/- 2.28    |
| <b>CDK8</b>     | 54.48 +/- 7.06               | 100.0 +/- 0.0    | 99.93 +/- 0.49   | 98.61 +/- 3.34   |
| <b>CDKL5</b>    | 42.55 +/- 15.83              | 99.94 +/- 0.17   | 94.22 +/- 9.52   | 69.22 +/- 35.89  |
| <b>CDKN1C</b>   | 51.19 +/- 8.43               | 99.98 +/- 0.1    | 99.53 +/- 1.54   | 94.83 +/- 10.57  |
| <b>CDON</b>     | 53.6 +/- 8.22                | 100.0 +/- 0.0    | 99.9 +/- 0.36    | 98.71 +/- 2.66   |
| <b>CELF2</b>    | 54.12 +/- 7.42               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.84 +/- 2.24   |
| <b>CELSR3</b>   | 51.76 +/- 8.73               | 100.0 +/- 0.0    | 99.71 +/- 0.71   | 97.06 +/- 5.19   |
| <b>CENPF</b>    | 54.2 +/- 7.49                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.6 +/- 1.06    |
| <b>CEP104</b>   | 52.61 +/- 7.68               | 100.0 +/- 0.0    | 99.69 +/- 0.8    | 96.19 +/- 4.4    |
| <b>CEP120</b>   | 54.91 +/- 7.32               | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 99.12 +/- 2.02   |
| <b>CEP135</b>   | 55.39 +/- 7.31               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.4 +/- 1.21    |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <b>CEP152</b>  | 54.95 +/- 7.25               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.6 +/- 1.36    |
| <b>CEP290</b>  | 54.71 +/- 7.35               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.48 +/- 1.25   |
| <b>CEP295</b>  | 55.23 +/- 7.53               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 0.74   |
| <b>CEP41</b>   | 53.27 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.35 +/- 1.63   |
| <b>CEP55</b>   | 54.66 +/- 7.57               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.28 +/- 1.9    |
| <b>CEP57</b>   | 55.77 +/- 7.64               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 99.77 +/- 0.96   |
| <b>CEP63</b>   | 53.65 +/- 7.66               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 99.26 +/- 2.09   |
| <b>CEP83</b>   | 55.79 +/- 7.36               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 99.45 +/- 1.91   |
| <b>CEP85L</b>  | 54.77 +/- 7.34               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.25 +/- 1.47   |
| <b>CEP89</b>   | 52.88 +/- 8.14               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.17 +/- 2.24   |
| <b>CERT1</b>   | 54.2 +/- 7.31                | 100.0 +/- 0.0    | 99.95 +/- 0.27   | 99.0 +/- 2.21    |
| <b>CHAMP1</b>  | 50.79 +/- 7.51               | 100.0 +/- 0.0    | 99.89 +/- 0.36   | 97.87 +/- 3.52   |
| <b>CHASERR</b> | 53.23 +/- 6.86               | 100.0 +/- 0.0    | 99.9 +/- 0.56    | 98.7 +/- 3.13    |
| <b>CHD1</b>    | 54.53 +/- 7.08               | 100.0 +/- 0.0    | 99.92 +/- 0.4    | 98.87 +/- 1.97   |
| <b>CHD2</b>    | 53.62 +/- 7.94               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.18 +/- 2.42   |
| <b>CHD3</b>    | 49.27 +/- 8.28               | 100.0 +/- 0.01   | 99.8 +/- 0.6     | 96.83 +/- 6.4    |
| <b>CHD4</b>    | 52.08 +/- 8.01               | 100.0 +/- 0.0    | 99.89 +/- 0.44   | 97.76 +/- 4.99   |
| <b>CHD5</b>    | 49.16 +/- 8.44               | 99.94 +/- 0.17   | 99.13 +/- 1.48   | 95.24 +/- 7.27   |
| <b>CHD7</b>    | 53.94 +/- 7.9                | 100.0 +/- 0.0    | 99.89 +/- 0.31   | 98.68 +/- 2.47   |
| <b>CHD8</b>    | 52.96 +/- 7.86               | 100.0 +/- 0.0    | 99.96 +/- 0.11   | 98.76 +/- 2.52   |
| <b>CHKA</b>    | 50.09 +/- 7.69               | 100.0 +/- 0.0    | 99.57 +/- 1.11   | 94.92 +/- 6.06   |
| <b>CHKB</b>    | 49.98 +/- 8.2                | 99.98 +/- 0.13   | 99.96 +/- 0.19   | 98.52 +/- 3.29   |
| <b>CHMP1A</b>  | 52.69 +/- 9.04               | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 98.41 +/- 3.19   |
| <b>CHRM1</b>   | 52.11 +/- 8.77               | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.48 +/- 7.28   |
| <b>CHRNA4</b>  | 50.83 +/- 8.48               | 99.98 +/- 0.1    | 99.13 +/- 2.3    | 95.45 +/- 7.71   |
| <b>CIAO1</b>   | 53.31 +/- 9.21               | 100.0 +/- 0.0    | 99.9 +/- 0.66    | 98.0 +/- 7.17    |
| <b>CIC</b>     | 50.83 +/- 8.56               | 99.99 +/- 0.07   | 99.69 +/- 0.69   | 96.44 +/- 7.51   |
| <b>CIT</b>     | 52.66 +/- 7.99               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.96 +/- 2.87   |
| <b>CKAP2L</b>  | 53.98 +/- 7.74               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.41 +/- 1.78   |
| <b>CLCN3</b>   | 55.68 +/- 7.54               | 100.0 +/- 0.02   | 99.98 +/- 0.04   | 99.57 +/- 0.9    |
| <b>CLCN4</b>   | 42.56 +/- 16.32              | 99.87 +/- 0.79   | 93.52 +/- 11.79  | 69.41 +/- 35.74  |
| <b>CLCN6</b>   | 53.7 +/- 7.97                | 100.0 +/- 0.0    | 99.96 +/- 0.21   | 99.09 +/- 2.71   |
| <b>CLDN11</b>  | 51.46 +/- 6.89               | 100.0 +/- 0.0    | 99.94 +/- 0.26   | 97.94 +/- 4.78   |
| <b>CLDN5</b>   | 53.56 +/- 9.5                | 100.0 +/- 0.0    | 99.93 +/- 0.46   | 98.58 +/- 5.42   |
| <b>CLIC2</b>   | 43.35 +/- 15.7               | 99.97 +/- 0.18   | 95.74 +/- 7.67   | 70.68 +/- 34.39  |
| <b>CLIP1</b>   | 53.49 +/- 7.77               | 99.98 +/- 0.12   | 99.74 +/- 0.55   | 97.77 +/- 2.88   |
| <b>CLN3</b>    | 49.41 +/- 8.56               | 100.0 +/- 0.0    | 99.93 +/- 0.41   | 97.49 +/- 6.6    |
| <b>CLN5</b>    | 55.95 +/- 7.4                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.7 +/- 0.68    |
| <b>CLN6</b>    | 48.22 +/- 8.66               | 99.97 +/- 0.07   | 99.81 +/- 0.66   | 95.66 +/- 8.17   |
| <b>CLN8</b>    | 51.36 +/- 7.62               | 98.57 +/- 0.67   | 97.01 +/- 1.09   | 94.5 +/- 3.81    |
| <b>CLP1</b>    | 52.87 +/- 9.02               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.35 +/- 2.66   |
| <b>CLPB</b>    | 51.18 +/- 8.07               | 100.0 +/- 0.03   | 99.81 +/- 0.49   | 96.78 +/- 4.37   |
| <b>CLTC</b>    | 55.38 +/- 7.76               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.36 +/- 1.25   |
| <b>CNKSR2</b>  | 41.14 +/- 15.52              | 99.9 +/- 0.26    | 91.94 +/- 11.81  | 66.99 +/- 37.41  |
| <b>CNNM2</b>   | 53.83 +/- 8.16               | 100.0 +/- 0.01   | 99.97 +/- 0.09   | 98.93 +/- 3.3    |
| <b>CNOT1</b>   | 54.29 +/- 7.39               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.2 +/- 1.67    |
| <b>CNOT2</b>   | 55.21 +/- 8.01               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.3 +/- 1.66    |



| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>CNOT3</i>   | 48.27 +/- 8.14               | 100.0 +/- 0.03   | 99.73 +/- 1.34   | 96.09 +/- 7.75   |
| <i>CNOT9</i>   | 54.34 +/- 7.82               | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 99.2 +/- 2.23    |
| <i>CNPY3</i>   | 48.91 +/- 8.99               | 100.0 +/- 0.0    | 99.95 +/- 0.31   | 97.2 +/- 7.82    |
| <i>CNTNAP1</i> | 49.71 +/- 8.15               | 100.0 +/- 0.0    | 99.83 +/- 0.52   | 96.54 +/- 6.12   |
| <i>CNTNAP2</i> | 55.78 +/- 7.71               | 99.9 +/- 0.0     | 99.89 +/- 0.06   | 99.31 +/- 1.87   |
| <i>COA8</i>    | 54.0 +/- 8.02                | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 99.16 +/- 3.71   |
| <i>COASY</i>   | 49.99 +/- 8.71               | 100.0 +/- 0.0    | 99.97 +/- 0.17   | 97.35 +/- 9.13   |
| <i>COG1</i>    | 52.01 +/- 7.84               | 99.99 +/- 0.06   | 99.57 +/- 1.63   | 98.24 +/- 3.79   |
| <i>COG3</i>    | 55.26 +/- 7.96               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 2.03    |
| <i>COG4</i>    | 51.68 +/- 7.92               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.88 +/- 3.12   |
| <i>COG5</i>    | 55.33 +/- 7.94               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.46 +/- 1.87   |
| <i>COG6</i>    | 56.49 +/- 7.32               | 100.0 +/- 0.0    | 99.97 +/- 0.17   | 99.5 +/- 1.46    |
| <i>COG7</i>    | 53.44 +/- 7.55               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.31 +/- 2.05   |
| <i>COG8</i>    | 51.73 +/- 7.89               | 100.0 +/- 0.0    | 99.93 +/- 0.33   | 98.54 +/- 3.53   |
| <i>COL18A1</i> | 53.15 +/- 9.25               | 99.96 +/- 0.08   | 99.63 +/- 0.71   | 97.24 +/- 5.86   |
| <i>COL4A1</i>  | 53.49 +/- 7.61               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.83 +/- 3.9    |
| <i>COL4A2</i>  | 52.8 +/- 8.01                | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 98.58 +/- 4.41   |
| <i>COLEC11</i> | 57.11 +/- 9.19               | 100.0 +/- 0.0    | 99.88 +/- 0.82   | 98.84 +/- 6.2    |
| <i>COPB1</i>   | 54.55 +/- 7.79               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.15 +/- 2.34   |
| <i>COPB2</i>   | 55.76 +/- 7.7                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.68 +/- 1.01   |
| <i>COQ2</i>    | 55.89 +/- 7.92               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.01 +/- 3.42   |
| <i>COQ4</i>    | 51.78 +/- 8.16               | 100.0 +/- 0.0    | 99.65 +/- 2.12   | 97.65 +/- 8.57   |
| <i>COQ8A</i>   | 55.02 +/- 9.11               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.28 +/- 2.55   |
| <i>COQ9</i>    | 51.79 +/- 8.9                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.97 +/- 2.62   |
| <i>COX10</i>   | 55.39 +/- 8.65               | 100.0 +/- 0.0    | 99.96 +/- 0.28   | 98.27 +/- 6.06   |
| <i>COX11</i>   | 53.87 +/- 7.7                | 100.0 +/- 0.0    | 99.92 +/- 0.4    | 98.82 +/- 2.52   |
| <i>COX15</i>   | 54.03 +/- 7.18               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.61 +/- 0.85   |
| <i>COX16</i>   | 54.27 +/- 8.25               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.36   |
| <i>COX6B1</i>  | 50.95 +/- 8.8                | 100.0 +/- 0.0    | 99.92 +/- 0.55   | 98.48 +/- 4.99   |
| <i>CPAP</i>    | 54.76 +/- 7.43               | 99.99 +/- 0.03   | 99.98 +/- 0.04   | 99.29 +/- 2.17   |
| <i>CPE</i>     | 54.63 +/- 8.17               | 100.0 +/- 0.0    | 99.94 +/- 0.27   | 98.9 +/- 2.99    |
| <i>CPLANE1</i> | 55.19 +/- 7.49               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.5 +/- 0.87    |
| <i>CPLX1</i>   | 49.09 +/- 9.38               | 99.88 +/- 0.32   | 98.88 +/- 2.09   | 91.87 +/- 10.94  |
| <i>CPS1</i>    | 55.75 +/- 7.6                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.61 +/- 1.23   |
| <i>CPSF3</i>   | 54.57 +/- 7.98               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.16 +/- 2.51   |
| <i>CRADD</i>   | 53.99 +/- 8.89               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.2 +/- 2.46    |
| <i>CRBN</i>    | 54.08 +/- 7.37               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 0.82   |
| <i>CREBBP</i>  | 49.4 +/- 7.69                | 99.77 +/- 0.53   | 98.17 +/- 2.39   | 92.72 +/- 5.97   |
| <i>CRELD1</i>  | 49.01 +/- 8.1                | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 97.8 +/- 4.69    |
| <i>CRIPT</i>   | 54.17 +/- 7.43               | 100.0 +/- 0.0    | 99.97 +/- 0.17   | 99.31 +/- 2.19   |
| <i>CRLF1</i>   | 43.96 +/- 7.63               | 99.88 +/- 0.53   | 95.52 +/- 6.73   | 84.19 +/- 12.39  |
| <i>CRLS1</i>   | 54.98 +/- 7.69               | 99.97 +/- 0.1    | 99.87 +/- 0.26   | 99.14 +/- 1.6    |
| <i>CRPPA</i>   | 54.79 +/- 7.38               | 99.99 +/- 0.03   | 99.89 +/- 0.48   | 99.09 +/- 2.38   |
| <i>CSDE1</i>   | 56.79 +/- 7.49               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.78 +/- 0.63   |
| <i>CSF1R</i>   | 49.96 +/- 8.41               | 100.0 +/- 0.0    | 99.85 +/- 0.71   | 97.52 +/- 8.05   |
| <i>CSMD1</i>   | 55.6 +/- 7.48                | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.39 +/- 1.25   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <b>CSNK1G1</b> | 53.21 +/- 7.82               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.19 +/- 1.86   |
| <b>CSNK2A1</b> | 53.48 +/- 7.85               | 100.0 +/- 0.0    | 99.85 +/- 0.2    | 98.82 +/- 2.29   |
| <b>CSNK2B</b>  | 51.36 +/- 8.3                | 100.0 +/- 0.0    | 99.78 +/- 1.28   | 97.48 +/- 6.97   |
| <b>CSPP1</b>   | 54.76 +/- 7.34               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.43 +/- 0.86   |
| <b>CSTB</b>    | 54.12 +/- 8.48               | 100.0 +/- 0.0    | 99.71 +/- 1.67   | 97.4 +/- 6.07    |
| <b>CTBP1</b>   | 53.86 +/- 8.57               | 99.95 +/- 0.27   | 99.16 +/- 1.86   | 95.22 +/- 5.92   |
| <b>CTC1</b>    | 50.95 +/- 7.99               | 100.0 +/- 0.0    | 99.94 +/- 0.24   | 98.52 +/- 4.55   |
| <b>CTCF</b>    | 54.4 +/- 7.74                | 100.0 +/- 0.0    | 99.74 +/- 0.95   | 98.35 +/- 3.03   |
| <b>CTDP1</b>   | 56.35 +/- 8.46               | 100.0 +/- 0.03   | 99.78 +/- 0.7    | 98.42 +/- 3.29   |
| <b>CTNNA2</b>  | 55.34 +/- 7.5                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.32 +/- 1.62   |
| <b>CTNNB1</b>  | 55.04 +/- 7.68               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.09 +/- 1.44   |
| <b>CTNND1</b>  | 52.99 +/- 7.97               | 100.0 +/- 0.0    | 99.96 +/- 0.24   | 99.06 +/- 3.5    |
| <b>CTNND2</b>  | 53.04 +/- 7.54               | 99.98 +/- 0.12   | 99.3 +/- 2.22    | 96.46 +/- 5.72   |
| <b>CTR9</b>    | 55.43 +/- 7.69               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.48 +/- 1.39   |
| <b>CTSA</b>    | 48.37 +/- 8.73               | 99.93 +/- 0.09   | 99.82 +/- 0.42   | 97.01 +/- 6.48   |
| <b>CTSD</b>    | 51.59 +/- 9.55               | 100.0 +/- 0.0    | 99.88 +/- 0.69   | 97.16 +/- 7.32   |
| <b>CTTNBP2</b> | 54.48 +/- 7.89               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.23 +/- 1.8    |
| <b>CTU2</b>    | 51.9 +/- 8.92                | 100.0 +/- 0.01   | 99.94 +/- 0.13   | 97.38 +/- 7.24   |
| <b>CUL3</b>    | 56.04 +/- 7.63               | 99.98 +/- 0.04   | 99.84 +/- 0.47   | 99.0 +/- 1.71    |
| <b>CUL4B</b>   | 41.73 +/- 15.43              | 99.78 +/- 0.74   | 92.94 +/- 11.57  | 69.08 +/- 34.15  |
| <b>CUX1</b>    | 54.05 +/- 7.77               | 100.0 +/- 0.0    | 99.94 +/- 0.28   | 98.91 +/- 3.27   |
| <b>CUX2</b>    | 50.9 +/- 7.93                | 100.0 +/- 0.0    | 99.94 +/- 0.25   | 97.71 +/- 4.71   |
| <b>CWC27</b>   | 53.67 +/- 7.14               | 100.0 +/- 0.0    | 99.9 +/- 0.47    | 98.86 +/- 2.56   |
| <b>CWF19L1</b> | 53.45 +/- 8.56               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.97 +/- 3.34   |
| <b>CYB5R3</b>  | 51.87 +/- 7.56               | 100.0 +/- 0.0    | 99.88 +/- 0.47   | 98.31 +/- 4.45   |
| <b>CYFIP2</b>  | 53.59 +/- 8.32               | 100.0 +/- 0.0    | 99.95 +/- 0.25   | 99.1 +/- 2.26    |
| <b>CYP27A1</b> | 51.99 +/- 8.71               | 100.0 +/- 0.0    | 99.86 +/- 0.92   | 98.15 +/- 6.72   |
| <b>CYP2U1</b>  | 53.26 +/- 7.53               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 98.78 +/- 3.06   |
| <b>D2HGDH</b>  | 51.07 +/- 8.58               | 100.0 +/- 0.03   | 99.91 +/- 0.45   | 98.02 +/- 6.18   |
| <b>DAG1</b>    | 54.41 +/- 8.0                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.27 +/- 2.62   |
| <b>DAGLA</b>   | 51.55 +/- 8.76               | 99.96 +/- 0.08   | 99.67 +/- 1.35   | 97.29 +/- 8.55   |
| <b>DARS1</b>   | 54.82 +/- 7.28               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.74 +/- 0.79   |
| <b>DARS2</b>   | 53.0 +/- 7.67                | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.09 +/- 2.37   |
| <b>DBT</b>     | 55.25 +/- 7.87               | 100.0 +/- 0.0    | 99.9 +/- 0.09    | 99.23 +/- 1.57   |
| <b>DCAF17</b>  | 54.68 +/- 7.63               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.18 +/- 1.49   |
| <b>DCC</b>     | 54.14 +/- 7.33               | 100.0 +/- 0.0    | 99.92 +/- 0.21   | 98.98 +/- 1.67   |
| <b>DCHS1</b>   | 54.16 +/- 8.58               | 100.0 +/- 0.03   | 99.7 +/- 0.76    | 97.53 +/- 5.87   |
| <b>DCPS</b>    | 50.86 +/- 8.26               | 100.0 +/- 0.0    | 99.94 +/- 0.32   | 97.97 +/- 6.88   |
| <b>DCX</b>     | 42.25 +/- 16.13              | 99.93 +/- 0.28   | 93.54 +/- 11.67  | 68.47 +/- 36.78  |
| <b>DDB1</b>    | 52.67 +/- 8.15               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.13 +/- 2.29   |
| <b>DDC</b>     | 52.36 +/- 7.76               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.44 +/- 1.88   |
| <b>DDHD2</b>   | 55.06 +/- 7.7                | 100.0 +/- 0.0    | 99.95 +/- 0.18   | 99.32 +/- 1.64   |
| <b>DDX11</b>   | 51.09 +/- 8.78               | 100.0 +/- 0.0    | 99.9 +/- 0.53    | 97.9 +/- 6.62    |
| <b>DDX17</b>   | 52.72 +/- 7.77               | 99.98 +/- 0.04   | 99.93 +/- 0.31   | 98.68 +/- 2.84   |
| <b>DDX23</b>   | 52.58 +/- 8.01               | 100.0 +/- 0.0    | 99.96 +/- 0.24   | 98.63 +/- 4.29   |
| <b>DDX39B</b>  | 51.33 +/- 8.34               | 100.0 +/- 0.0    | 99.94 +/- 0.32   | 97.81 +/- 4.56   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>DDX3X</i>   | 43.37 +/- 16.0               | 99.96 +/- 0.19   | 95.67 +/- 8.3    | 71.16 +/- 34.63  |
| <i>DDX59</i>   | 52.36 +/- 7.29               | 100.0 +/- 0.0    | 99.84 +/- 0.68   | 98.54 +/- 2.78   |
| <i>DDX6</i>    | 53.37 +/- 8.35               | 99.99 +/- 0.03   | 99.71 +/- 0.51   | 97.86 +/- 2.41   |
| <i>DEAF1</i>   | 52.31 +/- 7.95               | 99.92 +/- 0.29   | 99.41 +/- 1.82   | 95.54 +/- 6.12   |
| <i>DEGS1</i>   | 57.19 +/- 7.9                | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 99.38 +/- 1.78   |
| <i>DENND5A</i> | 51.58 +/- 7.74               | 100.0 +/- 0.0    | 99.69 +/- 1.08   | 96.97 +/- 4.3    |
| <i>DENND5B</i> | 54.83 +/- 7.76               | 100.0 +/- 0.0    | 99.89 +/- 0.46   | 98.87 +/- 1.85   |
| <i>DEPDC5</i>  | 54.27 +/- 8.1                | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 99.13 +/- 2.86   |
| <i>DHCR24</i>  | 51.8 +/- 8.32                | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.64 +/- 4.69   |
| <i>DHCR7</i>   | 53.79 +/- 9.03               | 99.97 +/- 0.12   | 99.79 +/- 0.86   | 98.57 +/- 5.94   |
| <i>DHDDS</i>   | 51.93 +/- 8.36               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.46 +/- 4.24   |
| <i>DHFR</i>    | 46.04 +/- 6.38               | 99.95 +/- 0.17   | 99.05 +/- 1.76   | 91.09 +/- 8.12   |
| <i>DHPS</i>    | 52.76 +/- 8.28               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.89 +/- 2.6    |
| <i>DHRSX</i>   | 50.58 +/- 8.18               | 99.99 +/- 0.04   | 99.48 +/- 1.29   | 95.87 +/- 4.51   |
| <i>DHTKD1</i>  | 53.81 +/- 7.34               | 100.0 +/- 0.0    | 99.97 +/- 0.14   | 99.1 +/- 1.94    |
| <i>DHX16</i>   | 51.73 +/- 8.62               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.5 +/- 6.44    |
| <i>DHX30</i>   | 54.38 +/- 8.57               | 100.0 +/- 0.0    | 99.97 +/- 0.16   | 98.66 +/- 4.58   |
| <i>DHX37</i>   | 52.11 +/- 8.75               | 100.0 +/- 0.0    | 99.92 +/- 0.45   | 98.18 +/- 6.06   |
| <i>DHX9</i>    | 54.95 +/- 7.63               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.57 +/- 1.11   |
| <i>DIAPH1</i>  | 51.38 +/- 8.24               | 99.96 +/- 0.19   | 99.39 +/- 1.31   | 96.36 +/- 4.26   |
| <i>DIP2B</i>   | 55.79 +/- 7.9                | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 99.37 +/- 1.74   |
| <i>DIP2C</i>   | 55.38 +/- 8.08               | 100.0 +/- 0.0    | 99.81 +/- 0.5    | 98.68 +/- 2.17   |
| <i>DIS3L2</i>  | 53.13 +/- 8.08               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.72 +/- 2.94   |
| <i>DKC1</i>    | 42.52 +/- 16.09              | 99.94 +/- 0.32   | 93.3 +/- 13.12   | 69.97 +/- 35.49  |
| <i>DLAT</i>    | 55.03 +/- 7.37               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.63 +/- 0.95   |
| <i>DLD</i>     | 55.59 +/- 7.6                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 0.91   |
| <i>DLG3</i>    | 39.46 +/- 15.19              | 99.85 +/- 0.77   | 90.54 +/- 14.8   | 63.67 +/- 40.75  |
| <i>DLG4</i>    | 46.48 +/- 7.54               | 99.92 +/- 0.21   | 96.36 +/- 2.06   | 89.61 +/- 6.35   |
| <i>DLL1</i>    | 52.26 +/- 8.21               | 100.0 +/- 0.0    | 99.84 +/- 1.1    | 97.46 +/- 8.97   |
| <i>DMD</i>     | 43.26 +/- 15.85              | 99.96 +/- 0.14   | 94.99 +/- 8.6    | 71.25 +/- 33.8   |
| <i>DMPK</i>    | 50.81 +/- 8.0                | 99.82 +/- 0.33   | 99.2 +/- 1.05    | 95.44 +/- 5.82   |
| <i>DMXL2</i>   | 55.67 +/- 7.64               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.54 +/- 1.34   |
| <i>DNAJC12</i> | 55.23 +/- 8.7                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.66 +/- 1.64   |
| <i>DNAJC19</i> | 54.85 +/- 7.36               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.86 +/- 2.88   |
| <i>DNM1</i>    | 48.5 +/- 8.09                | 100.0 +/- 0.0    | 99.91 +/- 0.44   | 96.08 +/- 8.39   |
| <i>DNM1L</i>   | 56.7 +/- 7.55                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 1.15   |
| <i>DNMT3A</i>  | 50.31 +/- 7.98               | 99.99 +/- 0.07   | 99.8 +/- 0.55    | 97.08 +/- 5.35   |
| <i>DNMT3B</i>  | 50.49 +/- 8.09               | 100.0 +/- 0.0    | 99.82 +/- 0.73   | 96.61 +/- 5.63   |
| <i>DOCK3</i>   | 52.56 +/- 8.1                | 100.0 +/- 0.0    | 99.87 +/- 0.63   | 98.3 +/- 4.03    |
| <i>DOCK4</i>   | 55.58 +/- 7.3                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.55 +/- 1.36   |
| <i>DOCK6</i>   | 50.37 +/- 8.25               | 99.98 +/- 0.16   | 99.8 +/- 0.63    | 96.91 +/- 6.98   |
| <i>DOCK7</i>   | 55.42 +/- 7.39               | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 99.43 +/- 1.56   |
| <i>DOHH</i>    | 50.9 +/- 9.14                | 100.0 +/- 0.0    | 99.93 +/- 0.24   | 95.16 +/- 10.06  |
| <i>DOLK</i>    | 47.05 +/- 8.6                | 100.0 +/- 0.0    | 99.57 +/- 2.64   | 95.74 +/- 10.02  |
| <i>DONSON</i>  | 54.86 +/- 7.45               | 99.99 +/- 0.03   | 99.82 +/- 0.6    | 97.96 +/- 3.59   |
| <i>DOT1L</i>   | 55.61 +/- 9.04               | 99.98 +/- 0.11   | 99.49 +/- 0.83   | 97.08 +/- 4.56   |
| <i>DPAGT1</i>  | 51.6 +/- 8.57                | 100.0 +/- 0.0    | 99.91 +/- 0.58   | 98.28 +/- 6.05   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>DPF2</i>    | 52.28 +/- 8.45               | 100.0 +/- 0.0    | 99.94 +/- 0.32   | 98.26 +/- 4.17   |
| <i>DPH1</i>    | 50.38 +/- 8.28               | 100.0 +/- 0.0    | 99.93 +/- 0.49   | 97.95 +/- 6.78   |
| <i>DPH5</i>    | 54.21 +/- 8.17               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.27 +/- 1.88   |
| <i>DPM1</i>    | 55.3 +/- 8.03                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.73 +/- 1.26   |
| <i>DPM2</i>    | 48.79 +/- 8.39               | 100.0 +/- 0.0    | 99.99 +/- 0.08   | 97.15 +/- 11.75  |
| <i>DPP6</i>    | 51.87 +/- 7.71               | 99.98 +/- 0.04   | 99.95 +/- 0.05   | 98.36 +/- 3.96   |
| <i>DPYD</i>    | 55.8 +/- 7.98                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.25 +/- 1.76   |
| <i>DPYS</i>    | 53.61 +/- 7.71               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.93 +/- 3.18   |
| <i>DPYSL2</i>  | 52.26 +/- 7.42               | 100.0 +/- 0.0    | 99.88 +/- 0.74   | 97.96 +/- 4.26   |
| <i>DPYSL5</i>  | 52.13 +/- 8.4                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.68 +/- 4.42   |
| <i>DRG1</i>    | 52.99 +/- 8.53               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.03 +/- 3.59   |
| <i>DTYMK</i>   | 55.44 +/- 8.13               | 99.99 +/- 0.03   | 99.93 +/- 0.36   | 98.82 +/- 4.52   |
| <i>DYM</i>     | 54.31 +/- 7.72               | 100.0 +/- 0.0    | 99.97 +/- 0.13   | 99.24 +/- 1.79   |
| <i>DYNC1H1</i> | 53.26 +/- 7.91               | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 98.9 +/- 3.38    |
| <i>DYNC1I2</i> | 56.37 +/- 7.8                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.31 +/- 2.02   |
| <i>DYRK1A</i>  | 53.45 +/- 7.66               | 100.0 +/- 0.0    | 99.81 +/- 0.49   | 98.08 +/- 2.69   |
| <i>EARS2</i>   | 52.19 +/- 8.07               | 99.93 +/- 0.05   | 99.93 +/- 0.05   | 99.11 +/- 2.97   |
| <i>EBF3</i>    | 54.46 +/- 8.19               | 100.0 +/- 0.0    | 99.9 +/- 0.67    | 98.31 +/- 3.95   |
| <i>EBP</i>     | 40.85 +/- 15.53              | 99.9 +/- 0.48    | 94.01 +/- 12.59  | 68.58 +/- 36.39  |
| <i>ECHS1</i>   | 53.67 +/- 8.86               | 100.0 +/- 0.0    | 99.89 +/- 0.45   | 97.87 +/- 4.44   |
| <i>EDC3</i>    | 52.25 +/- 8.45               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.64 +/- 4.08   |
| <i>EDEM3</i>   | 55.22 +/- 7.47               | 100.0 +/- 0.0    | 99.98 +/- 0.06   | 99.07 +/- 1.26   |
| <i>EED</i>     | 52.02 +/- 7.37               | 100.0 +/- 0.0    | 99.28 +/- 2.28   | 95.19 +/- 6.64   |
| <i>EEF1A2</i>  | 51.37 +/- 9.04               | 99.93 +/- 0.05   | 99.17 +/- 1.52   | 93.08 +/- 9.99   |
| <i>EEF1D</i>   | 56.92 +/- 9.34               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.08 +/- 4.83   |
| <i>EEFSEC</i>  | 51.06 +/- 8.65               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 98.68 +/- 3.97   |
| <i>EFNB1</i>   | 41.36 +/- 16.0               | 99.69 +/- 1.33   | 92.21 +/- 14.43  | 67.14 +/- 38.52  |
| <i>EFNB2</i>   | 52.2 +/- 7.66                | 100.0 +/- 0.0    | 99.78 +/- 0.71   | 97.82 +/- 3.66   |
| <i>EFTUD2</i>  | 52.68 +/- 8.45               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.98 +/- 3.69   |
| <i>EHMT1</i>   | 55.01 +/- 8.32               | 100.0 +/- 0.0    | 99.84 +/- 0.4    | 98.62 +/- 3.06   |
| <i>EIF2AK1</i> | 52.81 +/- 7.38               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.03 +/- 3.13   |
| <i>EIF2AK2</i> | 55.61 +/- 7.51               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.45 +/- 1.01   |
| <i>EIF2AK3</i> | 55.03 +/- 7.92               | 99.95 +/- 0.05   | 99.86 +/- 0.42   | 99.19 +/- 2.11   |
| <i>EIF2B4</i>  | 52.54 +/- 8.45               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 99.29 +/- 3.39   |
| <i>EIF2B5</i>  | 51.46 +/- 8.19               | 99.97 +/- 0.05   | 99.94 +/- 0.14   | 99.03 +/- 3.31   |
| <i>EIF2S3</i>  | 42.41 +/- 15.9               | 99.9 +/- 0.6     | 93.08 +/- 14.07  | 70.61 +/- 34.8   |
| <i>EIF3F</i>   | 54.74 +/- 7.93               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.53 +/- 1.08   |
| <i>EIF4A2</i>  | 55.65 +/- 7.88               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.55 +/- 1.57   |
| <i>EIF4A3</i>  | 52.66 +/- 7.86               | 100.0 +/- 0.0    | 99.92 +/- 0.49   | 98.8 +/- 2.91    |
| <i>EIF5A</i>   | 47.49 +/- 7.87               | 100.0 +/- 0.0    | 99.82 +/- 0.69   | 96.61 +/- 8.23   |
| <i>ELAC2</i>   | 52.76 +/- 7.36               | 99.88 +/- 0.1    | 99.83 +/- 0.12   | 98.86 +/- 3.07   |
| <i>ELOVL4</i>  | 54.94 +/- 7.66               | 100.0 +/- 0.0    | 99.82 +/- 1.01   | 98.68 +/- 2.86   |
| <i>ELP2</i>    | 54.23 +/- 7.76               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.36 +/- 1.68   |
| <i>EMC1</i>    | 53.29 +/- 7.95               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 98.96 +/- 2.72   |
| <i>EMC10</i>   | 47.19 +/- 7.55               | 99.98 +/- 0.07   | 99.1 +/- 2.0     | 92.86 +/- 8.33   |
| <i>EML1</i>    | 55.36 +/- 8.13               | 100.0 +/- 0.0    | 99.8 +/- 0.6     | 98.78 +/- 1.77   |
| <i>EMX2</i>    | 44.27 +/- 7.06               | 99.86 +/- 0.33   | 97.09 +/- 3.19   | 86.83 +/- 11.11  |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>ENTPD1</i>   | 54.45 +/- 8.02               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.14 +/- 2.5    |
| <i>EP300</i>    | 51.74 +/- 7.58               | 100.0 +/- 0.0    | 99.9 +/- 0.34    | 98.16 +/- 4.84   |
| <i>EP400</i>    | 54.11 +/- 7.42               | 100.0 +/- 0.0    | 99.81 +/- 0.4    | 97.6 +/- 3.02    |
| <i>EPB41L3</i>  | 54.67 +/- 7.78               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 98.95 +/- 2.68   |
| <i>EPG5</i>     | 54.72 +/- 7.78               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.28 +/- 2.18   |
| <i>EPHA7</i>    | 55.58 +/- 7.19               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.57 +/- 1.04   |
| <i>EPRS1</i>    | 55.52 +/- 7.14               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 0.88   |
| <i>ERCC1</i>    | 51.08 +/- 8.36               | 100.0 +/- 0.01   | 99.84 +/- 0.72   | 97.81 +/- 7.39   |
| <i>ERCC2</i>    | 49.54 +/- 8.45               | 99.98 +/- 0.04   | 99.8 +/- 0.64    | 96.81 +/- 6.73   |
| <i>ERCC3</i>    | 52.38 +/- 7.6                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.13 +/- 2.26   |
| <i>ERCC5</i>    | 54.38 +/- 7.46               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.45 +/- 1.43   |
| <i>ERCC6</i>    | 54.53 +/- 7.25               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.41 +/- 1.57   |
| <i>ERCC8</i>    | 54.54 +/- 7.59               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.42 +/- 1.25   |
| <i>ERF</i>      | 47.69 +/- 8.68               | 100.0 +/- 0.0    | 99.48 +/- 2.61   | 95.15 +/- 10.77  |
| <i>ERI1</i>     | 55.27 +/- 8.05               | 99.98 +/- 0.04   | 99.97 +/- 0.05   | 99.48 +/- 1.4    |
| <i>ERLIN2</i>   | 52.79 +/- 8.04               | 99.99 +/- 0.07   | 99.69 +/- 0.54   | 97.65 +/- 3.24   |
| <i>ESAM</i>     | 49.67 +/- 8.4                | 100.0 +/- 0.0    | 99.88 +/- 0.75   | 96.79 +/- 5.83   |
| <i>ESCO2</i>    | 54.74 +/- 7.77               | 99.98 +/- 0.06   | 99.68 +/- 1.02   | 98.12 +/- 2.94   |
| <i>ETFB</i>     | 49.53 +/- 9.19               | 100.0 +/- 0.0    | 99.88 +/- 0.78   | 96.98 +/- 8.4    |
| <i>ETHE1</i>    | 48.93 +/- 7.6                | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 97.29 +/- 8.03   |
| <i>EXOC2</i>    | 55.56 +/- 7.52               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.28 +/- 2.89   |
| <i>EXOC7</i>    | 50.37 +/- 8.42               | 100.0 +/- 0.0    | 99.84 +/- 0.79   | 97.64 +/- 6.35   |
| <i>EXOC8</i>    | 53.22 +/- 7.24               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.92 +/- 3.01   |
| <i>EXOSC2</i>   | 51.86 +/- 8.31               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.82 +/- 4.51   |
| <i>EXOSC3</i>   | 53.66 +/- 7.52               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.33 +/- 2.05   |
| <i>EXOSC5</i>   | 52.0 +/- 8.01                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.08 +/- 6.23   |
| <i>EXOSC8</i>   | 55.21 +/- 7.44               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.26   |
| <i>EXOSC9</i>   | 54.6 +/- 7.36                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.61 +/- 1.17   |
| <i>EXTL3</i>    | 54.39 +/- 8.24               | 100.0 +/- 0.0    | 99.91 +/- 0.47   | 99.03 +/- 3.08   |
| <i>EZH1</i>     | 52.75 +/- 8.16               | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.85 +/- 3.64   |
| <i>EZH2</i>     | 55.84 +/- 7.52               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.28 +/- 1.4    |
| <i>FA2H</i>     | 49.37 +/- 8.86               | 100.0 +/- 0.0    | 99.78 +/- 1.27   | 97.02 +/- 6.84   |
| <i>FAM149B1</i> | 54.76 +/- 7.56               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.3 +/- 1.6     |
| <i>FAM177A1</i> | 54.09 +/- 7.09               | 99.94 +/- 0.05   | 99.92 +/- 0.05   | 99.0 +/- 2.16    |
| <i>FAM20C</i>   | 51.08 +/- 8.62               | 100.0 +/- 0.0    | 99.22 +/- 2.25   | 92.95 +/- 10.24  |
| <i>FAM50A</i>   | 38.86 +/- 15.74              | 99.43 +/- 2.51   | 88.37 +/- 17.32  | 62.47 +/- 41.94  |
| <i>FAR1</i>     | 56.36 +/- 7.12               | 100.0 +/- 0.01   | 99.99 +/- 0.04   | 99.64 +/- 0.75   |
| <i>FARS2</i>    | 53.78 +/- 8.03               | 100.0 +/- 0.0    | 99.98 +/- 0.07   | 98.88 +/- 3.7    |
| <i>FARSA</i>    | 52.15 +/- 8.09               | 100.0 +/- 0.0    | 99.9 +/- 0.7     | 98.75 +/- 4.9    |
| <i>FARSB</i>    | 54.99 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.58 +/- 0.95   |
| <i>FASTKD2</i>  | 54.34 +/- 7.88               | 100.0 +/- 0.0    | 99.98 +/- 0.06   | 99.21 +/- 2.06   |
| <i>FAT4</i>     | 54.0 +/- 7.7                 | 100.0 +/- 0.0    | 99.97 +/- 0.16   | 99.19 +/- 2.41   |
| <i>FBRSL1</i>   | 52.11 +/- 9.73               | 99.79 +/- 0.85   | 98.2 +/- 3.59    | 93.04 +/- 9.75   |
| <i>FBXL3</i>    | 55.36 +/- 7.6                | 100.0 +/- 0.0    | 99.97 +/- 0.11   | 98.16 +/- 2.85   |
| <i>FBXL4</i>    | 55.91 +/- 7.3                | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.58 +/- 0.98   |
| <i>FBXO11</i>   | 51.84 +/- 7.16               | 100.0 +/- 0.0    | 99.47 +/- 1.05   | 94.76 +/- 5.16   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <b>FBXO28</b>   | 56.46 +/- 7.92               | 100.0 +/- 0.01   | 99.99 +/- 0.03   | 99.5 +/- 1.35    |
| <b>FBXO31</b>   | 53.96 +/- 8.82               | 100.0 +/- 0.0    | 99.83 +/- 0.49   | 97.86 +/- 6.05   |
| <b>FBXW11</b>   | 55.01 +/- 7.52               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 99.54 +/- 1.29   |
| <b>FBXW7</b>    | 53.24 +/- 7.04               | 100.0 +/- 0.0    | 99.75 +/- 1.07   | 97.12 +/- 4.7    |
| <b>FCSK</b>     | 52.64 +/- 8.2                | 100.0 +/- 0.0    | 99.97 +/- 0.14   | 98.79 +/- 4.73   |
| <b>FDFT1</b>    | 52.96 +/- 8.07               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.05 +/- 1.87   |
| <b>FEM1B</b>    | 55.34 +/- 7.65               | 100.0 +/- 0.0    | 99.96 +/- 0.28   | 99.34 +/- 1.84   |
| <b>FERRY3</b>   | 56.12 +/- 7.43               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.67 +/- 0.98   |
| <b>FEZF2</b>    | 50.23 +/- 7.42               | 100.0 +/- 0.0    | 99.94 +/- 0.42   | 98.1 +/- 5.42    |
| <b>FGD1</b>     | 37.94 +/- 14.87              | 99.39 +/- 2.32   | 86.57 +/- 18.41  | 60.73 +/- 40.41  |
| <b>FGF12</b>    | 53.93 +/- 7.37               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.23 +/- 1.92   |
| <b>FGF13</b>    | 42.82 +/- 15.84              | 99.68 +/- 0.24   | 94.38 +/- 9.59   | 70.35 +/- 33.91  |
| <b>FGF14</b>    | 55.05 +/- 7.82               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.43 +/- 1.27   |
| <b>FGFR1</b>    | 52.48 +/- 8.64               | 100.0 +/- 0.0    | 99.9 +/- 0.47    | 97.99 +/- 6.49   |
| <b>FGFR2</b>    | 53.88 +/- 7.73               | 100.0 +/- 0.0    | 99.83 +/- 1.13   | 98.64 +/- 4.2    |
| <b>FGFR3</b>    | 53.79 +/- 8.88               | 100.0 +/- 0.0    | 99.78 +/- 0.84   | 97.9 +/- 4.27    |
| <b>FH</b>       | 56.1 +/- 7.58                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.52   |
| <b>FIBP</b>     | 50.68 +/- 8.29               | 100.0 +/- 0.0    | 99.91 +/- 0.41   | 97.63 +/- 4.87   |
| <b>FIG4</b>     | 55.99 +/- 7.29               | 100.0 +/- 0.0    | 99.96 +/- 0.21   | 99.19 +/- 3.24   |
| <b>FIGN</b>     | 54.41 +/- 7.71               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.26 +/- 1.67   |
| <b>FILIP1</b>   | 53.64 +/- 7.76               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.53 +/- 1.77   |
| <b>FITM2</b>    | 50.24 +/- 8.05               | 100.0 +/- 0.0    | 99.83 +/- 0.61   | 97.19 +/- 6.05   |
| <b>FKRP</b>     | 57.39 +/- 9.1                | 100.0 +/- 0.0    | 99.83 +/- 0.47   | 98.43 +/- 4.01   |
| <b>FKTN</b>     | 54.54 +/- 7.94               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 1.72    |
| <b>FLNA</b>     | 42.44 +/- 16.96              | 99.82 +/- 0.82   | 92.1 +/- 15.58   | 67.31 +/- 37.83  |
| <b>FLVCR1</b>   | 54.95 +/- 7.43               | 99.83 +/- 0.23   | 99.66 +/- 0.39   | 98.6 +/- 2.83    |
| <b>FLVCR2</b>   | 49.98 +/- 8.3                | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 97.69 +/- 6.6    |
| <b>FMN2</b>     | 47.88 +/- 6.99               | 98.91 +/- 1.33   | 93.75 +/- 2.89   | 87.59 +/- 5.91   |
| <b>FMR1</b>     | 42.17 +/- 15.12              | 99.72 +/- 0.98   | 94.07 +/- 10.43  | 70.04 +/- 34.02  |
| <b>FOLR1</b>    | 50.63 +/- 9.04               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.91 +/- 4.71   |
| <b>FOSL2</b>    | 50.28 +/- 8.03               | 100.0 +/- 0.0    | 99.88 +/- 0.53   | 97.6 +/- 5.82    |
| <b>FOXG1</b>    | 49.27 +/- 6.83               | 99.99 +/- 0.03   | 99.55 +/- 1.11   | 92.8 +/- 8.66    |
| <b>FOXJ1</b>    | 49.07 +/- 8.8                | 100.0 +/- 0.0    | 99.84 +/- 1.07   | 95.35 +/- 11.19  |
| <b>FOXP1</b>    | 54.69 +/- 7.36               | 100.0 +/- 0.03   | 99.93 +/- 0.29   | 98.75 +/- 1.97   |
| <b>FOXP2</b>    | 55.89 +/- 7.65               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.6 +/- 1.12    |
| <b>FOXP4</b>    | 49.07 +/- 8.12               | 100.0 +/- 0.0    | 99.65 +/- 1.21   | 95.16 +/- 8.73   |
| <b>FOXRED1</b>  | 50.43 +/- 8.93               | 100.0 +/- 0.0    | 99.84 +/- 1.07   | 97.64 +/- 7.2    |
| <b>FRA10AC1</b> | 53.79 +/- 7.34               | 99.97 +/- 0.04   | 99.96 +/- 0.05   | 99.37 +/- 1.28   |
| <b>FRAS1</b>    | 53.66 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.32 +/- 1.77   |
| <b>FRMD4A</b>   | 52.74 +/- 7.96               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 98.96 +/- 2.57   |
| <b>FRMD5</b>    | 54.31 +/- 8.17               | 99.99 +/- 0.04   | 99.47 +/- 0.92   | 97.46 +/- 3.18   |
| <b>FRMPD4</b>   | 41.75 +/- 15.68              | 99.92 +/- 0.37   | 93.01 +/- 11.89  | 68.24 +/- 36.56  |
| <b>FRRS1L</b>   | 53.17 +/- 7.24               | 100.0 +/- 0.01   | 99.84 +/- 0.33   | 97.56 +/- 2.37   |
| <b>FRYL</b>     | 56.1 +/- 7.47                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.29   |
| <b>FTCD</b>     | 51.21 +/- 8.66               | 99.98 +/- 0.1    | 98.81 +/- 2.16   | 94.94 +/- 8.06   |
| <b>FTO</b>      | 52.61 +/- 8.29               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.9 +/- 3.18    |

| Gen                       | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|---------------------------|------------------------------|------------------|------------------|------------------|
| <i>FTSJ1</i>              | 41.28 +/- 16.17              | 99.83 +/- 1.02   | 92.47 +/- 13.19  | 65.59 +/- 40.03  |
| <i>FUCA1</i>              | 53.23 +/- 7.83               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.87 +/- 4.05   |
| <i>FUT8</i>               | 53.66 +/- 7.97               | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 98.83 +/- 3.4    |
| <i>FZR1</i>               | 52.47 +/- 8.78               | 99.96 +/- 0.24   | 99.5 +/- 0.97    | 96.46 +/- 6.44   |
| <i>GABBR1</i>             | 48.81 +/- 7.68               | 100.0 +/- 0.01   | 99.54 +/- 1.34   | 96.19 +/- 6.3    |
| <i>GABBR2</i>             | 51.71 +/- 7.82               | 99.95 +/- 0.05   | 99.69 +/- 1.14   | 97.66 +/- 4.92   |
| <i>GABRA1</i>             | 55.82 +/- 7.51               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 99.33 +/- 1.77   |
| <i>GABRA2</i>             | 55.62 +/- 7.29               | 99.98 +/- 0.08   | 99.37 +/- 0.85   | 97.61 +/- 1.63   |
| <i>GABRA3</i>             | 40.77 +/- 15.41              | 99.9 +/- 0.45    | 93.38 +/- 11.85  | 67.11 +/- 37.3   |
| <i>GABRA4</i>             | 55.16 +/- 7.3                | 100.0 +/- 0.0    | 99.97 +/- 0.07   | 99.49 +/- 1.15   |
| <i>GABRA5</i>             | 55.04 +/- 8.18               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.08 +/- 2.72   |
| <i>GABRB1</i>             | 53.94 +/- 7.4                | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.59 +/- 1.1    |
| <i>GABRB2</i>             | 56.39 +/- 7.61               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.65 +/- 0.94   |
| <i>GABRB3</i>             | 54.86 +/- 7.46               | 99.95 +/- 0.05   | 99.75 +/- 0.68   | 98.73 +/- 2.75   |
| <i>GABRD</i>              | 52.73 +/- 8.77               | 99.62 +/- 1.3    | 96.92 +/- 3.19   | 91.74 +/- 6.92   |
| <i>GABRG2</i>             | 55.93 +/- 8.11               | 99.98 +/- 0.04   | 99.96 +/- 0.12   | 99.31 +/- 2.32   |
| <i>GAD1</i>               | 53.19 +/- 7.72               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.98 +/- 2.05   |
| <i>GALC</i>               | 56.77 +/- 8.19               | 99.97 +/- 0.05   | 99.96 +/- 0.05   | 99.54 +/- 1.38   |
| <i>GALE</i>               | 50.09 +/- 7.96               | 100.0 +/- 0.0    | 99.85 +/- 1.03   | 97.84 +/- 5.9    |
| <i>GALNT2</i>             | 52.01 +/- 8.08               | 100.0 +/- 0.0    | 99.92 +/- 0.48   | 98.0 +/- 3.84    |
| <i>GALT</i>               | 51.53 +/- 8.3                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.05 +/- 2.48   |
| <i>GAMT</i>               | 48.71 +/- 9.19               | 100.0 +/- 0.0    | 99.51 +/- 2.9    | 95.25 +/- 12.57  |
| <i>GATAD2A</i>            | 53.05 +/- 8.23               | 100.0 +/- 0.0    | 99.6 +/- 1.21    | 97.32 +/- 4.07   |
| <i>GATAD2B</i>            | 50.23 +/- 7.76               | 100.0 +/- 0.01   | 99.67 +/- 0.56   | 96.7 +/- 5.57    |
| <i>GATM</i>               | 54.64 +/- 8.23               | 100.0 +/- 0.0    | 99.87 +/- 0.79   | 98.83 +/- 2.67   |
| <i>GBA1<sup>2,3</sup></i> | 39.15 +/- 6.24               | 82.96 +/- 3.33   | 74.54 +/- 2.97   | 70.82 +/- 3.62   |
| <i>GCH1</i>               | 55.33 +/- 7.23               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.45 +/- 1.69   |
| <i>GCSH</i>               | 47.42 +/- 6.8                | 99.9 +/- 0.66    | 96.66 +/- 6.88   | 88.11 +/- 11.31  |
| <i>GDI1</i>               | 38.08 +/- 15.18              | 99.61 +/- 1.16   | 86.66 +/- 20.98  | 61.68 +/- 39.99  |
| <i>GEMIN4</i>             | 51.78 +/- 8.51               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.77 +/- 3.78   |
| <i>GEMIN5</i>             | 54.71 +/- 7.72               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.33 +/- 2.15   |
| <i>GFAP</i>               | 50.43 +/- 8.48               | 100.0 +/- 0.0    | 99.97 +/- 0.14   | 98.13 +/- 6.69   |
| <i>GFER</i>               | 50.38 +/- 8.93               | 100.0 +/- 0.02   | 99.66 +/- 0.66   | 95.48 +/- 8.08   |
| <i>GFM1</i>               | 55.96 +/- 7.47               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.71 +/- 0.6    |
| <i>GFM2</i>               | 56.25 +/- 7.8                | 99.98 +/- 0.05   | 99.98 +/- 0.05   | 99.58 +/- 0.95   |
| <i>GIGYF1</i>             | 50.74 +/- 8.32               | 99.89 +/- 0.13   | 99.62 +/- 0.73   | 96.48 +/- 6.55   |
| <i>GJA1</i>               | 53.43 +/- 7.59               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.14 +/- 1.51   |
| <i>GJB1</i>               | 38.69 +/- 14.76              | 99.93 +/- 0.41   | 88.54 +/- 19.21  | 64.23 +/- 40.09  |
| <i>GJC2</i>               | 51.68 +/- 10.29              | 100.0 +/- 0.0    | 99.85 +/- 0.35   | 95.11 +/- 7.27   |
| <i>GK</i>                 | 43.01 +/- 15.67              | 99.96 +/- 0.19   | 94.28 +/- 9.37   | 70.45 +/- 33.98  |
| <i>GLB1</i>               | 53.66 +/- 8.07               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.15 +/- 2.5    |
| <i>GLDC</i>               | 53.76 +/- 8.57               | 100.0 +/- 0.01   | 100.0 +/- 0.01   | 98.54 +/- 3.33   |
| <i>GLI2</i>               | 54.49 +/- 8.68               | 100.0 +/- 0.0    | 99.94 +/- 0.29   | 98.24 +/- 5.05   |
| <i>GLI3</i>               | 54.82 +/- 7.78               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.24 +/- 2.65   |
| <i>GLIS3</i>              | 52.94 +/- 7.63               | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 98.64 +/- 2.97   |
| <i>GLRA2</i>              | 40.8 +/- 15.15               | 99.88 +/- 0.4    | 91.23 +/- 11.69  | 67.24 +/- 35.25  |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>GLS</i>      | 53.73 +/- 6.97               | 99.9 +/- 0.18    | 99.84 +/- 0.23   | 98.72 +/- 2.18   |
| <i>GLUD1</i>    | 54.06 +/- 7.54               | 100.0 +/- 0.0    | 99.8 +/- 0.88    | 97.92 +/- 3.68   |
| <i>GLUL</i>     | 54.02 +/- 7.86               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.33 +/- 2.58   |
| <i>GLYCTK</i>   | 52.25 +/- 8.63               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.64 +/- 4.01   |
| <i>GM2A</i>     | 52.99 +/- 7.7                | 100.0 +/- 0.01   | 100.0 +/- 0.01   | 99.39 +/- 1.57   |
| <i>GMNN</i>     | 55.58 +/- 7.44               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.21 +/- 3.28   |
| <i>GMPPA</i>    | 49.73 +/- 8.67               | 100.0 +/- 0.0    | 99.86 +/- 0.85   | 96.92 +/- 7.93   |
| <i>GMPPB</i>    | 51.47 +/- 8.43               | 100.0 +/- 0.0    | 99.9 +/- 0.69    | 98.18 +/- 6.13   |
| <i>GNAI1</i>    | 55.3 +/- 7.73                | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.32 +/- 1.13   |
| <i>GNAO1</i>    | 49.95 +/- 7.76               | 99.99 +/- 0.03   | 99.8 +/- 0.56    | 95.08 +/- 6.63   |
| <i>GNAS</i>     | 47.03 +/- 7.06               | 99.83 +/- 0.62   | 94.78 +/- 6.99   | 83.4 +/- 8.94    |
| <i>GNB1</i>     | 50.23 +/- 7.53               | 99.94 +/- 0.37   | 99.55 +/- 1.57   | 96.23 +/- 5.03   |
| <i>GNB2</i>     | 49.93 +/- 8.28               | 99.86 +/- 0.13   | 99.49 +/- 1.11   | 96.04 +/- 7.09   |
| <i>GNB5</i>     | 51.66 +/- 7.44               | 99.69 +/- 0.71   | 97.26 +/- 1.87   | 93.43 +/- 3.44   |
| <i>GNPAT</i>    | 54.85 +/- 7.82               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.57 +/- 1.07   |
| <i>GNPTAB</i>   | 55.29 +/- 7.74               | 99.99 +/- 0.03   | 99.71 +/- 0.63   | 98.17 +/- 2.37   |
| <i>GNPTG</i>    | 52.91 +/- 8.59               | 100.0 +/- 0.0    | 99.77 +/- 1.05   | 98.06 +/- 4.33   |
| <i>GNS</i>      | 53.45 +/- 8.11               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.26 +/- 2.41   |
| <i>GOLGA2</i>   | 51.39 +/- 7.9                | 100.0 +/- 0.0    | 99.92 +/- 0.35   | 98.45 +/- 5.99   |
| <i>GOT2</i>     | 54.55 +/- 7.07               | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 99.45 +/- 1.34   |
| <i>GPAA1</i>    | 52.91 +/- 9.18               | 100.0 +/- 0.0    | 99.62 +/- 1.89   | 97.52 +/- 8.82   |
| <i>GPATCH11</i> | 55.24 +/- 7.69               | 100.0 +/- 0.0    | 99.98 +/- 0.04   | 99.63 +/- 1.22   |
| <i>GPC3</i>     | 40.46 +/- 15.32              | 99.98 +/- 0.09   | 90.13 +/- 14.69  | 65.62 +/- 39.14  |
| <i>GPC4</i>     | 42.81 +/- 16.17              | 99.84 +/- 0.66   | 93.82 +/- 11.45  | 70.15 +/- 35.14  |
| <i>GPHN</i>     | 54.59 +/- 7.32               | 100.0 +/- 0.0    | 99.96 +/- 0.23   | 99.11 +/- 2.05   |
| <i>GPRC5B</i>   | 51.88 +/- 8.03               | 100.0 +/- 0.0    | 99.87 +/- 0.47   | 97.95 +/- 5.1    |
| <i>GPSM2</i>    | 53.68 +/- 7.36               | 99.96 +/- 0.15   | 98.63 +/- 1.22   | 96.02 +/- 1.83   |
| <i>GPT2</i>     | 53.52 +/- 7.8                | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 98.74 +/- 4.24   |
| <i>GRIA1</i>    | 51.29 +/- 7.45               | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 98.43 +/- 3.52   |
| <i>GRIA2</i>    | 55.54 +/- 7.4                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.61 +/- 1.1    |
| <i>GRIA3</i>    | 42.19 +/- 15.79              | 99.94 +/- 0.21   | 93.64 +/- 10.03  | 68.96 +/- 35.25  |
| <i>GRIA4</i>    | 54.51 +/- 7.29               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.33 +/- 1.42   |
| <i>GRID2</i>    | 54.07 +/- 7.55               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.24 +/- 2.06   |
| <i>GRIK2</i>    | 54.62 +/- 7.23               | 100.0 +/- 0.0    | 99.96 +/- 0.14   | 99.24 +/- 1.17   |
| <i>GRIN1</i>    | 48.98 +/- 8.82               | 100.0 +/- 0.0    | 99.78 +/- 0.61   | 94.78 +/- 9.06   |
| <i>GRIN2A</i>   | 54.06 +/- 8.07               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.16 +/- 2.59   |
| <i>GRIN2B</i>   | 53.01 +/- 7.73               | 100.0 +/- 0.01   | 99.95 +/- 0.12   | 98.96 +/- 2.55   |
| <i>GRIN2D</i>   | 45.06 +/- 7.91               | 99.97 +/- 0.19   | 98.49 +/- 4.61   | 90.6 +/- 14.97   |
| <i>GRIP1</i>    | 55.19 +/- 7.74               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.68 +/- 1.07   |
| <i>GRM1</i>     | 54.15 +/- 7.82               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.9 +/- 3.2     |
| <i>GRM7</i>     | 53.22 +/- 7.93               | 100.0 +/- 0.0    | 99.88 +/- 0.34   | 97.76 +/- 3.72   |
| <i>GRN</i>      | 53.75 +/- 8.59               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.96 +/- 3.52   |
| <i>GSE1</i>     | 54.47 +/- 8.12               | 99.99 +/- 0.03   | 99.97 +/- 0.07   | 98.85 +/- 3.07   |
| <i>GSS</i>      | 51.2 +/- 8.96                | 100.0 +/- 0.0    | 99.96 +/- 0.28   | 98.29 +/- 5.37   |
| <i>GTF2E2</i>   | 52.4 +/- 7.57                | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.43 +/- 3.13   |
| <i>GTF2H5</i>   | 54.67 +/- 7.29               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.45 +/- 1.01   |
| <i>GTF3C3</i>   | 55.3 +/- 7.58                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.61 +/- 1.3    |



| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>GTF3C5</i>  | 52.37 +/- 8.4                | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 98.58 +/- 4.29   |
| <i>GTPBP1</i>  | 50.6 +/- 8.27                | 100.0 +/- 0.0    | 99.92 +/- 0.4    | 97.66 +/- 7.84   |
| <i>GTPBP2</i>  | 50.84 +/- 9.19               | 100.0 +/- 0.0    | 99.8 +/- 0.67    | 96.54 +/- 6.37   |
| <i>GTPBP3</i>  | 50.73 +/- 8.9                | 100.0 +/- 0.03   | 99.87 +/- 0.66   | 97.52 +/- 7.05   |
| <i>GUSB</i>    | 51.2 +/- 8.77                | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 97.88 +/- 4.9    |
| <i>H1-4</i>    | 58.88 +/- 9.65               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.53 +/- 2.19   |
| <i>H3-3A</i>   | 46.78 +/- 6.82               | 99.98 +/- 0.04   | 97.57 +/- 5.93   | 87.26 +/- 13.43  |
| <i>H3-3B</i>   | 53.71 +/- 7.7                | 100.0 +/- 0.01   | 99.96 +/- 0.21   | 99.21 +/- 2.23   |
| <i>H4C3</i>    | 57.11 +/- 9.46               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.22 +/- 2.72   |
| <i>H4C5</i>    | 52.23 +/- 8.94               | 100.0 +/- 0.0    | 99.89 +/- 0.76   | 98.85 +/- 4.31   |
| <i>H4C9</i>    | 52.72 +/- 9.09               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.55 +/- 4.41   |
| <i>HAAO</i>    | 51.38 +/- 8.59               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.04 +/- 7.04   |
| <i>HACE1</i>   | 55.4 +/- 7.36                | 100.0 +/- 0.0    | 99.92 +/- 0.46   | 99.24 +/- 2.12   |
| <i>HADH</i>    | 53.56 +/- 7.91               | 100.0 +/- 0.0    | 99.87 +/- 0.89   | 98.89 +/- 4.3    |
| <i>HADHA</i>   | 53.16 +/- 7.94               | 100.0 +/- 0.0    | 99.91 +/- 0.35   | 98.23 +/- 5.5    |
| <i>HADHB</i>   | 55.8 +/- 7.59                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.73 +/- 0.95   |
| <i>HAX1</i>    | 50.47 +/- 8.61               | 100.0 +/- 0.0    | 99.9 +/- 0.64    | 98.0 +/- 4.61    |
| <i>HCCS</i>    | 42.84 +/- 16.27              | 99.83 +/- 1.1    | 93.94 +/- 11.68  | 70.0 +/- 35.47   |
| <i>HCFC1</i>   | 40.74 +/- 15.77              | 99.66 +/- 1.4    | 90.94 +/- 15.79  | 65.58 +/- 38.96  |
| <i>HCN1</i>    | 54.08 +/- 7.25               | 100.0 +/- 0.0    | 99.9 +/- 0.32    | 98.52 +/- 2.58   |
| <i>HCN2</i>    | 43.08 +/- 8.48               | 98.74 +/- 1.94   | 92.52 +/- 5.91   | 80.89 +/- 15.14  |
| <i>HDAC3</i>   | 51.77 +/- 8.29               | 100.0 +/- 0.0    | 99.95 +/- 0.36   | 98.67 +/- 5.18   |
| <i>HDAC4</i>   | 56.11 +/- 7.99               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.17 +/- 2.16   |
| <i>HDAC6</i>   | 39.96 +/- 15.83              | 99.81 +/- 1.03   | 89.87 +/- 16.8   | 64.96 +/- 40.22  |
| <i>HDAC8</i>   | 40.43 +/- 15.06              | 99.86 +/- 0.74   | 92.95 +/- 12.03  | 66.34 +/- 37.72  |
| <i>HEATR3</i>  | 53.38 +/- 7.63               | 100.0 +/- 0.0    | 99.94 +/- 0.24   | 98.56 +/- 2.91   |
| <i>HEATR5B</i> | 55.45 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.42   |
| <i>HECTD1</i>  | 54.79 +/- 7.27               | 100.0 +/- 0.0    | 99.96 +/- 0.22   | 98.98 +/- 2.07   |
| <i>HECTD4</i>  | 54.28 +/- 7.68               | 100.0 +/- 0.0    | 99.92 +/- 0.42   | 98.93 +/- 3.86   |
| <i>HECW2</i>   | 54.73 +/- 8.23               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.38 +/- 1.89   |
| <i>HEPACAM</i> | 50.92 +/- 7.54               | 100.0 +/- 0.0    | 99.98 +/- 0.07   | 98.46 +/- 4.71   |
| <i>HERC1</i>   | 56.82 +/- 8.32               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.65 +/- 0.81   |
| <i>HERC2</i>   | 53.48 +/- 7.61               | 99.84 +/- 0.25   | 98.62 +/- 0.61   | 96.04 +/- 2.55   |
| <i>HESX1</i>   | 55.28 +/- 7.79               | 100.0 +/- 0.0    | 99.92 +/- 0.54   | 99.44 +/- 2.26   |
| <i>HEXA</i>    | 52.08 +/- 7.91               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 98.58 +/- 3.93   |
| <i>HEXB</i>    | 53.14 +/- 7.15               | 99.99 +/- 0.03   | 99.99 +/- 0.03   | 98.56 +/- 3.25   |
| <i>HGSNAT</i>  | 53.32 +/- 7.96               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.0 +/- 2.22    |
| <i>HIBCH</i>   | 54.12 +/- 7.5                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.17 +/- 2.32   |
| <i>HID1</i>    | 48.9 +/- 8.58                | 100.0 +/- 0.0    | 99.81 +/- 0.72   | 96.54 +/- 9.49   |
| <i>HIKESHI</i> | 56.17 +/- 7.45               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.83 +/- 3.34   |
| <i>HIVEP2</i>  | 54.77 +/- 8.06               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.29 +/- 2.28   |
| <i>HK1</i>     | 52.77 +/- 8.71               | 100.0 +/- 0.0    | 99.93 +/- 0.39   | 98.5 +/- 5.51    |
| <i>HLCS</i>    | 55.15 +/- 8.11               | 100.0 +/- 0.01   | 99.89 +/- 0.29   | 98.8 +/- 2.29    |
| <i>HMGB1</i>   | 53.27 +/- 7.62               | 99.97 +/- 0.11   | 99.44 +/- 0.66   | 97.45 +/- 3.05   |
| <i>HMGCL</i>   | 51.96 +/- 7.89               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.66 +/- 4.17   |
| <i>HNMT</i>    | 55.04 +/- 7.72               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.5 +/- 1.8     |

| Gen                          | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|------------------------------|------------------------------|------------------|------------------|------------------|
| <i>HNRNPC</i>                | 54.32 +/- 7.68               | 100.0 +/- 0.0    | 99.93 +/- 0.3    | 99.04 +/- 1.54   |
| <i>HNRNPD</i>                | 53.73 +/- 7.56               | 99.99 +/- 0.07   | 99.82 +/- 1.16   | 98.43 +/- 3.4    |
| <i>HNRNPH1</i>               | 54.59 +/- 7.96               | 100.0 +/- 0.0    | 99.85 +/- 0.38   | 98.12 +/- 2.39   |
| <i>HNRNPH2</i>               | 42.63 +/- 16.64              | 99.97 +/- 0.17   | 93.66 +/- 12.6   | 68.62 +/- 37.0   |
| <i>HNRNPK</i>                | 54.36 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.45   |
| <i>HNRNPR</i>                | 54.0 +/- 7.35                | 100.0 +/- 0.0    | 99.95 +/- 0.15   | 99.2 +/- 1.34    |
| <i>HNRNPU</i>                | 53.59 +/- 7.84               | 100.0 +/- 0.01   | 99.78 +/- 0.27   | 98.02 +/- 3.12   |
| <i>HOXA1</i>                 | 51.81 +/- 6.84               | 100.0 +/- 0.0    | 99.89 +/- 0.64   | 98.33 +/- 4.64   |
| <i>HPD</i>                   | 49.09 +/- 7.68               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 97.81 +/- 4.97   |
| <i>HPDL</i>                  | 53.8 +/- 8.59                | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 98.98 +/- 5.39   |
| <i>HPRT1</i>                 | 42.96 +/- 16.27              | 99.84 +/- 1.03   | 93.35 +/- 10.85  | 70.23 +/- 35.75  |
| <i>HRAS</i>                  | 49.95 +/- 9.48               | 99.95 +/- 0.17   | 99.17 +/- 2.84   | 94.67 +/- 10.68  |
| <i>HS2ST1</i>                | 54.99 +/- 8.03               | 99.96 +/- 0.05   | 99.9 +/- 0.21    | 98.97 +/- 2.07   |
| <i>HSD17B10</i>              | 39.49 +/- 15.59              | 99.66 +/- 2.15   | 90.68 +/- 17.28  | 63.23 +/- 42.68  |
| <i>HSD17B4</i>               | 55.12 +/- 7.54               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.5 +/- 1.22    |
| <i>HSPA9</i>                 | 54.78 +/- 8.01               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.43 +/- 1.32   |
| <i>HSPD1</i>                 | 54.23 +/- 7.93               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.05 +/- 3.01   |
| <i>HTRA2</i>                 | 48.77 +/- 8.57               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 97.68 +/- 6.23   |
| <i>HUWE1</i>                 | 41.06 +/- 15.65              | 99.92 +/- 0.34   | 92.53 +/- 12.48  | 66.62 +/- 37.9   |
| <i>HYCC1</i>                 | 54.33 +/- 7.58               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.28 +/- 1.38   |
| <i>HYLS1</i>                 | 55.02 +/- 8.28               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.51 +/- 1.84   |
| <i>IARS1</i>                 | 55.83 +/- 7.74               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.53 +/- 1.25   |
| <i>IARS2</i>                 | 55.78 +/- 7.27               | 100.0 +/- 0.0    | 99.98 +/- 0.07   | 99.38 +/- 1.42   |
| <i>IBA57</i>                 | 52.76 +/- 7.84               | 99.99 +/- 0.03   | 99.96 +/- 0.12   | 98.77 +/- 3.74   |
| <i>IDS</i>                   | 42.84 +/- 15.64              | 99.95 +/- 0.34   | 94.77 +/- 9.21   | 70.78 +/- 33.81  |
| <i>IDUA</i>                  | 50.12 +/- 9.17               | 100.0 +/- 0.0    | 99.59 +/- 1.62   | 95.77 +/- 9.73   |
| <i>IER3IP1</i>               | 54.86 +/- 7.78               | 99.98 +/- 0.04   | 99.93 +/- 0.26   | 98.87 +/- 2.17   |
| <i>IFIH1</i>                 | 54.43 +/- 7.58               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 99.44 +/- 1.67   |
| <i>IFT140</i>                | 55.06 +/- 8.53               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.16 +/- 2.44   |
| <i>IFT172</i>                | 51.73 +/- 7.98               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.92 +/- 3.1    |
| <i>IFT27</i>                 | 48.35 +/- 8.62               | 99.89 +/- 0.75   | 97.97 +/- 2.78   | 91.88 +/- 7.4    |
| <i>IFT74</i>                 | 54.98 +/- 7.35               | 100.0 +/- 0.03   | 99.98 +/- 0.06   | 99.66 +/- 0.72   |
| <i>IFT81</i>                 | 53.91 +/- 7.36               | 100.0 +/- 0.0    | 99.97 +/- 0.17   | 98.55 +/- 2.42   |
| <i>IGBP1</i>                 | 40.6 +/- 15.74               | 99.86 +/- 0.91   | 91.84 +/- 13.5   | 65.91 +/- 37.35  |
| <i>IGF1</i>                  | 55.24 +/- 7.21               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.47 +/- 1.51   |
| <i>IGF1R</i>                 | 53.14 +/- 7.59               | 99.99 +/- 0.03   | 99.7 +/- 0.81    | 98.02 +/- 3.28   |
| <i>IKBKG<sup>1,2,3</sup></i> | 15.33 +/- 5.77               | 41.85 +/- 5.45   | 31.11 +/- 8.87   | 19.98 +/- 12.07  |
| <i>IL1RAPL1</i>              | 41.57 +/- 15.35              | 99.96 +/- 0.21   | 93.66 +/- 9.66   | 68.06 +/- 36.82  |
| <i>IMPA1</i>                 | 56.64 +/- 7.31               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.81 +/- 0.64   |
| <i>INPP4A</i>                | 54.1 +/- 8.19                | 100.0 +/- 0.0    | 99.97 +/- 0.13   | 98.98 +/- 3.1    |
| <i>INPP5E</i>                | 50.81 +/- 8.98               | 100.0 +/- 0.0    | 99.5 +/- 2.37    | 95.13 +/- 8.84   |
| <i>INPP5K</i>                | 51.63 +/- 8.33               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.9 +/- 3.6     |
| <i>INTS1</i>                 | 53.59 +/- 8.95               | 100.0 +/- 0.0    | 99.93 +/- 0.19   | 97.96 +/- 4.95   |
| <i>INTS11</i>                | 52.6 +/- 9.07                | 100.0 +/- 0.0    | 99.73 +/- 0.9    | 96.33 +/- 6.45   |
| <i>INTS13</i>                | 54.46 +/- 7.54               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 99.27 +/- 1.87   |
| <i>IPO8</i>                  | 54.88 +/- 7.61               | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 99.32 +/- 1.49   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>IQSEC1</i>  | 53.97 +/- 8.44               | 100.0 +/- 0.0    | 99.96 +/- 0.18   | 98.48 +/- 4.37   |
| <i>IQSEC2</i>  | 35.29 +/- 13.95              | 98.2 +/- 3.3     | 81.72 +/- 21.66  | 55.32 +/- 39.78  |
| <i>IREB2</i>   | 55.2 +/- 7.25                | 100.0 +/- 0.01   | 100.0 +/- 0.02   | 99.63 +/- 0.83   |
| <i>IRF2BPL</i> | 50.79 +/- 8.4                | 99.94 +/- 0.23   | 99.28 +/- 1.37   | 94.26 +/- 9.05   |
| <i>IRX5</i>    | 49.23 +/- 7.91               | 100.0 +/- 0.0    | 99.78 +/- 0.82   | 95.38 +/- 9.52   |
| <i>ISCA2</i>   | 56.02 +/- 8.59               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.16 +/- 3.21   |
| <i>ITGA7</i>   | 48.77 +/- 8.54               | 99.98 +/- 0.1    | 99.67 +/- 0.63   | 96.04 +/- 8.03   |
| <i>ITPA</i>    | 49.08 +/- 7.75               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 97.55 +/- 4.35   |
| <i>ITPR1</i>   | 54.07 +/- 7.96               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 98.72 +/- 2.75   |
| <i>ITSN1</i>   | 52.88 +/- 7.76               | 100.0 +/- 0.02   | 99.97 +/- 0.12   | 98.87 +/- 3.08   |
| <i>IVD</i>     | 53.37 +/- 8.28               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.86 +/- 2.99   |
| <i>JAG1</i>    | 54.24 +/- 7.78               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 98.84 +/- 2.65   |
| <i>JAG2</i>    | 54.7 +/- 9.08                | 100.0 +/- 0.0    | 98.97 +/- 2.27   | 95.13 +/- 6.4    |
| <i>JAM3</i>    | 55.4 +/- 8.11                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 1.64    |
| <i>JARID2</i>  | 54.28 +/- 7.92               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 98.79 +/- 3.89   |
| <i>JMJD1C</i>  | 54.84 +/- 7.16               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 99.58 +/- 1.04   |
| <i>KANK1</i>   | 52.9 +/- 8.1                 | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 98.95 +/- 2.74   |
| <i>KANSL1</i>  | 58.98 +/- 10.17              | 100.0 +/- 0.0    | 99.83 +/- 0.79   | 98.09 +/- 4.41   |
| <i>KARS1</i>   | 53.52 +/- 7.73               | 100.0 +/- 0.0    | 99.95 +/- 0.33   | 99.16 +/- 1.76   |
| <i>KAT5</i>    | 51.37 +/- 8.56               | 100.0 +/- 0.0    | 99.93 +/- 0.45   | 98.01 +/- 4.3    |
| <i>KAT6A</i>   | 51.93 +/- 7.42               | 99.99 +/- 0.03   | 99.82 +/- 0.33   | 98.05 +/- 2.99   |
| <i>KAT6B</i>   | 53.19 +/- 7.52               | 100.0 +/- 0.0    | 99.94 +/- 0.31   | 98.89 +/- 2.04   |
| <i>KAT8</i>    | 49.56 +/- 8.82               | 100.0 +/- 0.0    | 99.6 +/- 2.33    | 95.62 +/- 9.02   |
| <i>KATNB1</i>  | 52.78 +/- 8.5                | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 98.61 +/- 4.52   |
| <i>KATNIP</i>  | 52.99 +/- 8.06               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.12 +/- 3.37   |
| <i>KBTBD2</i>  | 53.21 +/- 7.97               | 100.0 +/- 0.0    | 99.37 +/- 1.43   | 97.26 +/- 2.77   |
| <i>KCNA2</i>   | 52.74 +/- 7.88               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.16 +/- 2.6    |
| <i>KCNA3</i>   | 51.43 +/- 7.92               | 100.0 +/- 0.0    | 99.88 +/- 0.61   | 97.99 +/- 4.42   |
| <i>KCNA4</i>   | 51.21 +/- 7.85               | 99.98 +/- 0.07   | 99.25 +/- 0.92   | 96.43 +/- 3.54   |
| <i>KCNB1</i>   | 53.47 +/- 7.88               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.14 +/- 2.75   |
| <i>KCNB2</i>   | 51.6 +/- 7.56                | 100.0 +/- 0.03   | 99.95 +/- 0.33   | 97.8 +/- 5.01    |
| <i>KCNC1</i>   | 49.5 +/- 7.63                | 99.97 +/- 0.12   | 98.77 +/- 2.99   | 93.42 +/- 8.37   |
| <i>KCNC2</i>   | 52.25 +/- 8.01               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 98.38 +/- 3.75   |
| <i>KCNC3</i>   | 41.3 +/- 7.4                 | 99.74 +/- 0.58   | 95.06 +/- 4.63   | 81.55 +/- 13.55  |
| <i>KCND1</i>   | 39.14 +/- 15.35              | 99.76 +/- 0.57   | 88.14 +/- 16.97  | 62.71 +/- 40.02  |
| <i>KCND2</i>   | 53.24 +/- 7.83               | 99.99 +/- 0.06   | 99.9 +/- 0.56    | 98.37 +/- 4.14   |
| <i>KCNH1</i>   | 52.28 +/- 8.23               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.78 +/- 3.38   |
| <i>KCNH5</i>   | 55.7 +/- 7.5                 | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 0.83   |
| <i>KCNJ10</i>  | 52.91 +/- 8.64               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 98.58 +/- 3.18   |
| <i>KCNJ11</i>  | 52.81 +/- 8.19               | 100.0 +/- 0.0    | 99.92 +/- 0.4    | 98.46 +/- 4.78   |
| <i>KCNJ6</i>   | 53.61 +/- 7.68               | 99.97 +/- 0.06   | 99.89 +/- 0.14   | 98.78 +/- 1.7    |
| <i>KCNK3</i>   | 51.85 +/- 8.26               | 100.0 +/- 0.0    | 99.86 +/- 0.68   | 98.25 +/- 3.24   |
| <i>KCNK4</i>   | 48.22 +/- 8.1                | 100.0 +/- 0.0    | 99.85 +/- 0.94   | 96.62 +/- 10.65  |
| <i>KCNK9</i>   | 52.01 +/- 8.12               | 99.99 +/- 0.09   | 99.57 +/- 1.68   | 97.4 +/- 6.49    |
| <i>KCNMA1</i>  | 52.36 +/- 7.72               | 100.0 +/- 0.0    | 99.88 +/- 0.53   | 98.33 +/- 3.53   |
| <i>KCNN2</i>   | 52.18 +/- 7.9                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.43 +/- 3.67   |

| Gen              | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|------------------|------------------------------|------------------|------------------|------------------|
| <i>KCNN3</i>     | 52.4 +/- 7.71                | 100.0 +/- 0.0    | 99.91 +/- 0.32   | 98.32 +/- 3.24   |
| <i>KCNQ2</i>     | 52.18 +/- 9.05               | 99.99 +/- 0.06   | 99.75 +/- 0.93   | 96.65 +/- 7.32   |
| <i>KCNQ3</i>     | 53.58 +/- 7.82               | 99.98 +/- 0.09   | 99.6 +/- 0.87    | 97.9 +/- 3.33    |
| <i>KCNQ5</i>     | 53.89 +/- 7.5                | 100.0 +/- 0.0    | 99.96 +/- 0.12   | 98.63 +/- 2.56   |
| <i>KCNT1</i>     | 50.78 +/- 8.32               | 99.98 +/- 0.1    | 99.8 +/- 0.83    | 96.68 +/- 7.36   |
| <i>KCNT2</i>     | 55.42 +/- 7.47               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.53 +/- 0.98   |
| <i>KCTD3</i>     | 53.73 +/- 7.05               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 98.05 +/- 2.83   |
| <i>KCTD7</i>     | 52.07 +/- 8.48               | 100.0 +/- 0.0    | 99.96 +/- 0.21   | 98.51 +/- 3.48   |
| <i>KDM1A</i>     | 52.44 +/- 7.46               | 100.0 +/- 0.0    | 99.89 +/- 0.47   | 98.29 +/- 4.12   |
| <i>KDM2A</i>     | 50.95 +/- 7.64               | 100.0 +/- 0.01   | 99.65 +/- 1.57   | 96.92 +/- 5.68   |
| <i>KDM2B</i>     | 53.88 +/- 8.39               | 100.0 +/- 0.01   | 99.98 +/- 0.09   | 99.0 +/- 3.65    |
| <i>KDM3B</i>     | 52.76 +/- 7.55               | 100.0 +/- 0.01   | 99.78 +/- 0.42   | 97.95 +/- 3.51   |
| <i>KDM4B</i>     | 53.22 +/- 8.95               | 99.93 +/- 0.2    | 99.15 +/- 1.07   | 95.9 +/- 4.53    |
| <i>KDM5A</i>     | 55.35 +/- 7.76               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.49 +/- 0.98   |
| <i>KDM5B</i>     | 54.79 +/- 7.72               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.41 +/- 1.51   |
| <i>KDM5C</i>     | 38.92 +/- 15.26              | 99.17 +/- 1.45   | 88.4 +/- 15.93   | 62.4 +/- 39.38   |
| <i>KDM6A</i>     | 41.98 +/- 15.75              | 99.88 +/- 0.7    | 93.58 +/- 9.68   | 68.64 +/- 35.84  |
| <i>KDM6B</i>     | 50.0 +/- 8.37                | 99.97 +/- 0.21   | 99.09 +/- 1.7    | 93.64 +/- 7.69   |
| <i>KIAA0586</i>  | 55.3 +/- 7.5                 | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.37 +/- 1.55   |
| <i>KICS2</i>     | 53.99 +/- 7.89               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.21 +/- 1.76   |
| <i>KIDINS220</i> | 55.9 +/- 7.62                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.41 +/- 1.56   |
| <i>KIF11</i>     | 55.52 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.74 +/- 0.86   |
| <i>KIF14</i>     | 55.53 +/- 7.13               | 99.94 +/- 0.1    | 99.85 +/- 0.12   | 99.5 +/- 0.94    |
| <i>KIF1A</i>     | 51.48 +/- 8.49               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 98.05 +/- 5.34   |
| <i>KIF21B</i>    | 52.0 +/- 8.44                | 100.0 +/- 0.03   | 99.76 +/- 0.58   | 97.16 +/- 5.39   |
| <i>KIF26A</i>    | 54.9 +/- 9.68                | 99.94 +/- 0.05   | 99.8 +/- 0.61    | 97.73 +/- 6.25   |
| <i>KIF2A</i>     | 55.16 +/- 7.41               | 99.99 +/- 0.03   | 99.97 +/- 0.07   | 99.16 +/- 1.39   |
| <i>KIF3B</i>     | 51.97 +/- 8.1                | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.86 +/- 2.14   |
| <i>KIF4A</i>     | 41.69 +/- 15.7               | 99.91 +/- 0.47   | 93.36 +/- 10.77  | 67.85 +/- 36.12  |
| <i>KIF5A</i>     | 50.99 +/- 7.72               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 98.48 +/- 3.42   |
| <i>KIF5B</i>     | 54.96 +/- 7.43               | 100.0 +/- 0.0    | 99.92 +/- 0.38   | 98.91 +/- 2.25   |
| <i>KIF5C</i>     | 53.59 +/- 7.99               | 100.0 +/- 0.0    | 99.94 +/- 0.19   | 98.62 +/- 2.31   |
| <i>KIF7</i>      | 52.39 +/- 8.25               | 100.0 +/- 0.0    | 99.88 +/- 0.79   | 97.97 +/- 4.36   |
| <i>KIFBP</i>     | 53.84 +/- 7.46               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.23 +/- 3.12   |
| <i>KIRREL3</i>   | 51.01 +/- 8.32               | 100.0 +/- 0.0    | 99.64 +/- 0.59   | 96.9 +/- 3.7     |
| <i>KLF7</i>      | 53.56 +/- 7.76               | 100.0 +/- 0.0    | 99.97 +/- 0.11   | 98.96 +/- 2.68   |
| <i>KLHL15</i>    | 43.65 +/- 16.1               | 99.94 +/- 0.28   | 95.14 +/- 8.56   | 71.64 +/- 33.62  |
| <i>KLHL20</i>    | 54.48 +/- 7.8                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.55 +/- 1.2    |
| <i>KLHL7</i>     | 54.71 +/- 8.04               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 99.55 +/- 1.22   |
| <i>KMT2A</i>     | 52.71 +/- 7.75               | 100.0 +/- 0.0    | 99.9 +/- 0.33    | 98.48 +/- 2.88   |
| <i>KMT2B</i>     | 48.47 +/- 7.99               | 99.95 +/- 0.2    | 98.96 +/- 1.59   | 93.84 +/- 7.81   |
| <i>KMT2C</i>     | 55.27 +/- 7.77               | 99.98 +/- 0.11   | 99.58 +/- 0.63   | 98.28 +/- 1.51   |
| <i>KMT2D</i>     | 49.24 +/- 8.18               | 100.0 +/- 0.01   | 99.7 +/- 0.9     | 95.92 +/- 7.53   |
| <i>KMT2E</i>     | 53.63 +/- 7.12               | 100.0 +/- 0.0    | 99.72 +/- 0.41   | 97.62 +/- 2.56   |
| <i>KMT5B</i>     | 54.63 +/- 7.54               | 100.0 +/- 0.0    | 99.8 +/- 0.38    | 98.37 +/- 1.73   |
| <i>KNL1</i>      | 54.26 +/- 7.39               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.2 +/- 1.56    |
| <i>KPTN</i>      | 48.93 +/- 8.14               | 99.98 +/- 0.13   | 99.76 +/- 0.93   | 96.12 +/- 7.67   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>KRAS</i>    | 55.79 +/- 7.63               | 99.98 +/- 0.04   | 99.92 +/- 0.22   | 99.08 +/- 2.05   |
| <i>L1CAM</i>   | 39.15 +/- 15.32              | 99.72 +/- 1.05   | 89.66 +/- 16.26  | 63.97 +/- 39.82  |
| <i>L2HGDH</i>  | 52.46 +/- 7.55               | 99.93 +/- 0.15   | 99.2 +/- 0.61    | 96.92 +/- 2.12   |
| <i>LAGE3</i>   | 43.85 +/- 17.08              | 99.94 +/- 0.42   | 93.54 +/- 15.99  | 69.86 +/- 37.12  |
| <i>LAMA1</i>   | 55.01 +/- 7.48               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.52 +/- 1.26   |
| <i>LAMA2</i>   | 54.96 +/- 7.47               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.56   |
| <i>LAMB1</i>   | 55.34 +/- 7.59               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.54 +/- 1.55   |
| <i>LAMB2</i>   | 53.76 +/- 8.87               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 98.94 +/- 4.73   |
| <i>LAMC3</i>   | 51.34 +/- 8.65               | 100.0 +/- 0.0    | 99.94 +/- 0.36   | 97.9 +/- 7.29    |
| <i>LAMP2</i>   | 43.14 +/- 15.76              | 99.97 +/- 0.17   | 95.17 +/- 8.15   | 71.26 +/- 34.03  |
| <i>LARGE1</i>  | 51.83 +/- 7.71               | 100.0 +/- 0.0    | 99.84 +/- 0.6    | 97.9 +/- 4.14    |
| <i>LARP1</i>   | 50.29 +/- 7.47               | 100.0 +/- 0.0    | 99.71 +/- 1.16   | 96.97 +/- 5.74   |
| <i>LARP7</i>   | 54.24 +/- 7.46               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.5 +/- 0.98    |
| <i>LARS1</i>   | 54.5 +/- 7.58                | 99.97 +/- 0.1    | 99.97 +/- 0.1    | 99.47 +/- 1.18   |
| <i>LAS1L</i>   | 40.31 +/- 15.47              | 99.91 +/- 0.39   | 91.1 +/- 15.36   | 65.53 +/- 39.9   |
| <i>LETM1</i>   | 54.01 +/- 8.74               | 100.0 +/- 0.0    | 99.86 +/- 0.67   | 98.5 +/- 4.37    |
| <i>LGI3</i>    | 49.21 +/- 8.8                | 100.0 +/- 0.0    | 99.61 +/- 1.92   | 95.76 +/- 10.65  |
| <i>LHX2</i>    | 49.11 +/- 7.71               | 100.0 +/- 0.0    | 99.5 +/- 2.31    | 95.41 +/- 9.65   |
| <i>LIAS</i>    | 55.09 +/- 7.75               | 99.98 +/- 0.04   | 99.93 +/- 0.1    | 98.88 +/- 1.39   |
| <i>LIG4</i>    | 54.4 +/- 7.23                | 100.0 +/- 0.01   | 99.4 +/- 0.53    | 98.29 +/- 1.27   |
| <i>LINGO1</i>  | 50.98 +/- 8.34               | 100.0 +/- 0.01   | 98.9 +/- 2.65    | 93.48 +/- 8.31   |
| <i>LINS1</i>   | 55.22 +/- 8.21               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.55 +/- 1.23   |
| <i>LMAN2L</i>  | 51.18 +/- 9.55               | 100.0 +/- 0.0    | 99.82 +/- 0.95   | 97.23 +/- 9.84   |
| <i>LMBRD1</i>  | 53.88 +/- 7.68               | 100.0 +/- 0.0    | 99.97 +/- 0.12   | 98.91 +/- 2.69   |
| <i>LMBRD2</i>  | 55.31 +/- 7.53               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.5 +/- 1.08    |
| <i>LMNB1</i>   | 52.19 +/- 7.52               | 100.0 +/- 0.0    | 99.84 +/- 0.47   | 97.14 +/- 4.67   |
| <i>LMNB2</i>   | 53.03 +/- 8.7                | 100.0 +/- 0.0    | 99.76 +/- 0.74   | 97.6 +/- 5.61    |
| <i>LNPK</i>    | 54.49 +/- 8.05               | 100.0 +/- 0.03   | 100.0 +/- 0.03   | 99.26 +/- 1.52   |
| <i>LONP1</i>   | 53.37 +/- 8.54               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.35 +/- 4.95   |
| <i>LRP2</i>    | 54.31 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.41 +/- 1.36   |
| <i>LRPPRC</i>  | 55.15 +/- 7.76               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.25 +/- 1.49   |
| <i>LRRC7</i>   | 54.28 +/- 7.55               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.35 +/- 1.43   |
| <i>LSM1</i>    | 54.7 +/- 8.66                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.71 +/- 0.8    |
| <i>LSS</i>     | 52.49 +/- 8.43               | 100.0 +/- 0.0    | 99.92 +/- 0.4    | 98.33 +/- 5.28   |
| <i>LTBP1</i>   | 53.94 +/- 7.26               | 100.0 +/- 0.0    | 99.86 +/- 0.59   | 98.09 +/- 3.01   |
| <i>LYRM7</i>   | 54.17 +/- 7.74               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.28 +/- 1.49   |
| <i>LYST</i>    | 55.56 +/- 7.43               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.59 +/- 1.01   |
| <i>LZTFL1</i>  | 56.16 +/- 8.07               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.54 +/- 1.34   |
| <i>LZTR1</i>   | 51.86 +/- 8.39               | 100.0 +/- 0.0    | 99.95 +/- 0.34   | 98.54 +/- 6.12   |
| <i>MAB21L1</i> | 50.7 +/- 6.91                | 99.99 +/- 0.04   | 99.76 +/- 0.76   | 97.57 +/- 5.82   |
| <i>MAB21L2</i> | 55.3 +/- 8.15                | 99.98 +/- 0.12   | 98.89 +/- 0.99   | 95.92 +/- 4.08   |
| <i>MACF1</i>   | 53.71 +/- 7.79               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.29 +/- 1.69   |
| <i>MADD</i>    | 52.93 +/- 8.42               | 100.0 +/- 0.0    | 99.89 +/- 0.44   | 98.86 +/- 3.2    |
| <i>MAF</i>     | 42.81 +/- 7.04               | 99.97 +/- 0.05   | 98.22 +/- 4.06   | 84.36 +/- 14.17  |
| <i>MAG</i>     | 49.42 +/- 8.48               | 99.99 +/- 0.04   | 99.64 +/- 0.76   | 96.19 +/- 5.68   |
| <i>MAGEL2</i>  | 53.34 +/- 8.42               | 100.0 +/- 0.0    | 99.95 +/- 0.23   | 97.97 +/- 4.46   |
| <i>MAN1B1</i>  | 54.96 +/- 9.04               | 100.0 +/- 0.0    | 99.93 +/- 0.45   | 98.81 +/- 5.33   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <b>MAN2B1</b>   | 50.89 +/- 8.4                | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.19 +/- 5.51   |
| <b>MAN2C1</b>   | 52.35 +/- 8.7                | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.54 +/- 4.24   |
| <b>MANBA</b>    | 54.4 +/- 7.6                 | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.34 +/- 1.52   |
| <b>MAOA</b>     | 42.45 +/- 15.29              | 99.98 +/- 0.15   | 94.74 +/- 10.64  | 71.1 +/- 34.57   |
| <b>MAP1B</b>    | 52.51 +/- 7.74               | 99.99 +/- 0.03   | 99.95 +/- 0.13   | 98.75 +/- 2.5    |
| <b>MAP2K1</b>   | 51.3 +/- 8.2                 | 100.0 +/- 0.0    | 99.8 +/- 0.72    | 97.54 +/- 4.52   |
| <b>MAP2K2</b>   | 50.63 +/- 8.38               | 100.0 +/- 0.0    | 99.73 +/- 1.15   | 95.96 +/- 8.4    |
| <b>MAP4K4</b>   | 53.04 +/- 7.64               | 100.0 +/- 0.0    | 99.86 +/- 0.37   | 98.0 +/- 3.28    |
| <b>MAPK1</b>    | 54.98 +/- 7.88               | 100.0 +/- 0.0    | 99.91 +/- 0.39   | 98.8 +/- 2.28    |
| <b>MAPK8IP3</b> | 53.68 +/- 9.22               | 100.0 +/- 0.0    | 99.92 +/- 0.49   | 98.25 +/- 6.22   |
| <b>MAPKAPK5</b> | 52.5 +/- 7.42                | 100.0 +/- 0.01   | 99.87 +/- 0.22   | 98.36 +/- 2.43   |
| <b>MAPRE2</b>   | 54.69 +/- 7.63               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.39 +/- 1.09   |
| <b>MARK2</b>    | 49.64 +/- 8.3                | 100.0 +/- 0.0    | 99.75 +/- 1.42   | 96.81 +/- 9.17   |
| <b>MARS1</b>    | 52.63 +/- 8.08               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.09 +/- 3.13   |
| <b>MASP1</b>    | 53.27 +/- 8.14               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.29 +/- 1.78   |
| <b>MAST1</b>    | 53.78 +/- 8.7                | 100.0 +/- 0.0    | 99.94 +/- 0.33   | 97.83 +/- 5.49   |
| <b>MAST3</b>    | 52.11 +/- 8.31               | 99.99 +/- 0.03   | 99.92 +/- 0.23   | 98.5 +/- 4.78    |
| <b>MAST4</b>    | 53.22 +/- 7.66               | 100.0 +/- 0.0    | 99.86 +/- 0.61   | 98.56 +/- 4.16   |
| <b>MAT1A</b>    | 50.66 +/- 8.26               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 98.22 +/- 5.48   |
| <b>MAX</b>      | 52.88 +/- 8.28               | 100.0 +/- 0.0    | 99.94 +/- 0.43   | 98.43 +/- 3.46   |
| <b>MBD5</b>     | 52.95 +/- 7.93               | 100.0 +/- 0.0    | 99.8 +/- 0.36    | 97.86 +/- 2.33   |
| <b>MBOAT7</b>   | 50.19 +/- 7.95               | 99.97 +/- 0.07   | 99.8 +/- 1.12    | 97.52 +/- 7.84   |
| <b>MBTPS2</b>   | 43.44 +/- 16.05              | 99.94 +/- 0.32   | 94.48 +/- 9.81   | 71.48 +/- 33.85  |
| <b>MCCC1</b>    | 55.12 +/- 7.84               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.39 +/- 1.86   |
| <b>MCCC2</b>    | 52.51 +/- 7.49               | 100.0 +/- 0.0    | 99.96 +/- 0.15   | 98.6 +/- 2.8     |
| <b>MCM3AP</b>   | 54.32 +/- 8.07               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.26 +/- 2.56   |
| <b>MCM6</b>     | 54.55 +/- 7.77               | 100.0 +/- 0.01   | 100.0 +/- 0.01   | 99.46 +/- 1.28   |
| <b>MCOLN1</b>   | 51.39 +/- 8.33               | 100.0 +/- 0.0    | 99.96 +/- 0.3    | 98.12 +/- 7.82   |
| <b>MCPH1</b>    | 54.15 +/- 7.58               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.16 +/- 2.24   |
| <b>MDH2</b>     | 53.41 +/- 8.48               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.29 +/- 1.86   |
| <b>MECP2</b>    | 40.89 +/- 15.82              | 99.78 +/- 0.73   | 91.95 +/- 13.19  | 66.37 +/- 38.64  |
| <b>MECR</b>     | 52.09 +/- 7.87               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.82 +/- 3.4    |
| <b>MED11</b>    | 48.66 +/- 8.46               | 100.0 +/- 0.0    | 99.84 +/- 0.88   | 96.78 +/- 8.91   |
| <b>MED12</b>    | 38.72 +/- 15.13              | 99.63 +/- 2.0    | 88.91 +/- 17.25  | 62.9 +/- 40.62   |
| <b>MED12L</b>   | 54.91 +/- 7.38               | 99.95 +/- 0.05   | 99.92 +/- 0.08   | 99.07 +/- 1.55   |
| <b>MED13</b>    | 56.09 +/- 7.46               | 100.0 +/- 0.0    | 99.95 +/- 0.19   | 99.37 +/- 1.06   |
| <b>MED13L</b>   | 52.26 +/- 7.43               | 99.86 +/- 0.14   | 99.12 +/- 1.22   | 96.03 +/- 3.01   |
| <b>MED16</b>    | 53.28 +/- 8.99               | 100.0 +/- 0.0    | 99.51 +/- 1.75   | 96.44 +/- 6.89   |
| <b>MED17</b>    | 54.73 +/- 7.39               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.44 +/- 1.52   |
| <b>MED23</b>    | 55.85 +/- 7.66               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.59 +/- 1.03   |
| <b>MED25</b>    | 47.79 +/- 8.32               | 100.0 +/- 0.0    | 99.95 +/- 0.2    | 95.72 +/- 10.84  |
| <b>MED27</b>    | 53.56 +/- 7.8                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.24 +/- 2.73   |
| <b>MEF2C</b>    | 56.54 +/- 7.71               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.51 +/- 1.22   |
| <b>MEGF8</b>    | 50.99 +/- 8.26               | 99.97 +/- 0.11   | 99.63 +/- 0.61   | 97.1 +/- 6.17    |
| <b>MEIS2</b>    | 51.76 +/- 7.25               | 100.0 +/- 0.0    | 99.62 +/- 0.74   | 96.12 +/- 3.71   |
| <b>METTL23</b>  | 53.64 +/- 7.59               | 100.0 +/- 0.0    | 99.57 +/- 2.2    | 97.9 +/- 4.92    |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>METTL5</i>  | 52.7 +/- 7.86                | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.36 +/- 1.77   |
| <i>MFF</i>     | 57.55 +/- 9.24               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.46 +/- 1.52   |
| <i>MFSD2A</i>  | 51.0 +/- 7.91                | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 98.38 +/- 5.21   |
| <i>MFSD8</i>   | 55.98 +/- 7.76               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.73 +/- 0.66   |
| <i>MGAT2</i>   | 51.76 +/- 7.35               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.65 +/- 2.58   |
| <i>MGP</i>     | 53.94 +/- 7.73               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.11 +/- 2.21   |
| <i>MIA3</i>    | 53.79 +/- 7.54               | 100.0 +/- 0.03   | 99.73 +/- 0.54   | 98.42 +/- 1.7    |
| <i>MICOS13</i> | 49.99 +/- 8.98               | 100.0 +/- 0.0    | 99.84 +/- 1.04   | 97.97 +/- 7.1    |
| <i>MICU1</i>   | 53.83 +/- 8.14               | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 99.17 +/- 2.17   |
| <i>MID1</i>    | 42.79 +/- 16.01              | 99.98 +/- 0.09   | 94.66 +/- 10.07  | 70.18 +/- 35.13  |
| <i>MID2</i>    | 42.3 +/- 15.59               | 99.97 +/- 0.11   | 94.1 +/- 9.9     | 69.16 +/- 35.66  |
| <i>MINPP1</i>  | 53.97 +/- 7.81               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.98 +/- 3.36   |
| <i>MIR17HG</i> | 54.33 +/- 7.49               | 100.0 +/- 0.0    | 99.94 +/- 0.33   | 99.12 +/- 1.8    |
| <i>MKKS</i>    | 55.12 +/- 7.37               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.57 +/- 1.06   |
| <i>MKS1</i>    | 50.76 +/- 8.19               | 100.0 +/- 0.0    | 99.84 +/- 1.1    | 98.54 +/- 4.1    |
| <i>MLC1</i>    | 52.76 +/- 8.41               | 100.0 +/- 0.0    | 99.9 +/- 0.37    | 98.48 +/- 2.65   |
| <i>MLYCD</i>   | 52.28 +/- 8.19               | 99.98 +/- 0.1    | 99.7 +/- 0.56    | 96.63 +/- 5.15   |
| <i>MMAA</i>    | 55.53 +/- 7.74               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.52 +/- 0.91   |
| <i>MMAB</i>    | 52.12 +/- 7.75               | 100.0 +/- 0.0    | 99.91 +/- 0.29   | 98.88 +/- 2.16   |
| <i>MMACHC</i>  | 49.18 +/- 8.8                | 100.0 +/- 0.0    | 99.81 +/- 0.88   | 96.27 +/- 8.17   |
| <i>MMADHC</i>  | 56.87 +/- 8.12               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.64 +/- 1.3    |
| <i>MMGT1</i>   | 43.31 +/- 15.86              | 99.9 +/- 0.37    | 95.19 +/- 9.02   | 71.08 +/- 34.27  |
| <i>MMUT</i>    | 55.42 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.67 +/- 1.04   |
| <i>MN1</i>     | 55.46 +/- 8.97               | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 98.89 +/- 3.63   |
| <i>MOCS1</i>   | 52.18 +/- 8.26               | 100.0 +/- 0.0    | 99.94 +/- 0.25   | 98.53 +/- 4.15   |
| <i>MOCS2</i>   | 54.62 +/- 7.64               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 98.59 +/- 2.75   |
| <i>MOGS</i>    | 52.95 +/- 9.37               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 98.28 +/- 5.94   |
| <i>MORC2</i>   | 50.96 +/- 7.72               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.41 +/- 3.48   |
| <i>MPDU1</i>   | 46.09 +/- 8.79               | 100.0 +/- 0.0    | 99.73 +/- 1.27   | 93.79 +/- 10.9   |
| <i>MPDZ</i>    | 54.14 +/- 7.47               | 99.99 +/- 0.09   | 99.8 +/- 0.69    | 98.53 +/- 1.94   |
| <i>MPLKIP</i>  | 53.24 +/- 7.17               | 100.0 +/- 0.0    | 99.95 +/- 0.17   | 98.84 +/- 2.59   |
| <i>MPV17</i>   | 53.45 +/- 8.56               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.82 +/- 4.27   |
| <i>MRAS</i>    | 52.12 +/- 7.74               | 100.0 +/- 0.0    | 99.84 +/- 0.85   | 98.34 +/- 4.13   |
| <i>MRPL49</i>  | 51.8 +/- 8.08                | 100.0 +/- 0.0    | 99.95 +/- 0.24   | 98.59 +/- 3.83   |
| <i>MRPS22</i>  | 55.6 +/- 7.48                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.77 +/- 0.68   |
| <i>MRPS34</i>  | 53.05 +/- 9.63               | 100.0 +/- 0.0    | 99.93 +/- 0.34   | 98.36 +/- 5.01   |
| <i>MRTFB</i>   | 54.71 +/- 7.81               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.56 +/- 1.37   |
| <i>MSL2</i>    | 53.19 +/- 7.82               | 99.99 +/- 0.03   | 99.81 +/- 0.62   | 97.72 +/- 4.15   |
| <i>MSL3</i>    | 42.75 +/- 15.66              | 99.9 +/- 0.61    | 93.18 +/- 10.92  | 70.44 +/- 33.19  |
| <i>MSMO1</i>   | 54.39 +/- 7.11               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.19 +/- 2.05   |
| <i>MTFMT</i>   | 54.98 +/- 8.22               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 98.88 +/- 2.91   |
| <i>MTHFR</i>   | 52.17 +/- 8.41               | 99.98 +/- 0.04   | 99.96 +/- 0.05   | 98.36 +/- 5.29   |
| <i>MTHFS</i>   | 52.99 +/- 7.44               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 98.82 +/- 3.58   |
| <i>MTO1</i>    | 54.49 +/- 7.52               | 99.95 +/- 0.05   | 99.92 +/- 0.18   | 99.18 +/- 1.88   |
| <i>MTOR</i>    | 53.32 +/- 8.11               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 98.92 +/- 2.98   |
| <i>MTR</i>     | 53.44 +/- 7.61               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.22 +/- 2.12   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>MTRFR</i>   | 54.41 +/- 8.59               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.3 +/- 1.67    |
| <i>MTRR</i>    | 54.76 +/- 7.75               | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 98.98 +/- 2.32   |
| <i>MTSS2</i>   | 48.77 +/- 8.66               | 99.97 +/- 0.05   | 99.63 +/- 0.85   | 94.84 +/- 9.23   |
| <i>MVK</i>     | 51.88 +/- 8.0                | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.24 +/- 5.57   |
| <i>MYCBP2</i>  | 55.62 +/- 7.38               | 100.0 +/- 0.0    | 99.98 +/- 0.08   | 99.33 +/- 1.17   |
| <i>MYCN</i>    | 51.6 +/- 8.59                | 100.0 +/- 0.0    | 99.9 +/- 0.31    | 96.18 +/- 6.41   |
| <i>MYH10</i>   | 54.06 +/- 7.93               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.12 +/- 2.26   |
| <i>MYH9</i>    | 52.53 +/- 8.07               | 100.0 +/- 0.0    | 99.98 +/- 0.14   | 98.64 +/- 4.25   |
| <i>MYO5A</i>   | 55.03 +/- 7.66               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.57 +/- 1.08   |
| <i>MYO9A</i>   | 54.95 +/- 7.4                | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 99.38 +/- 1.88   |
| <i>MYT1L</i>   | 55.87 +/- 8.0                | 100.0 +/- 0.0    | 99.97 +/- 0.16   | 99.31 +/- 2.13   |
| <i>NAA10</i>   | 39.33 +/- 15.56              | 99.74 +/- 0.92   | 89.47 +/- 17.91  | 64.0 +/- 40.61   |
| <i>NAA15</i>   | 56.35 +/- 8.03               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.64 +/- 0.91   |
| <i>NAA20</i>   | 53.43 +/- 7.65               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 0.99   |
| <i>NAA60</i>   | 53.8 +/- 8.59                | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 98.33 +/- 7.32   |
| <i>NACC1</i>   | 47.72 +/- 8.43               | 100.0 +/- 0.0    | 99.51 +/- 1.2    | 93.51 +/- 8.6    |
| <i>NAE1</i>    | 54.89 +/- 7.61               | 100.0 +/- 0.0    | 99.96 +/- 0.24   | 99.52 +/- 1.21   |
| <i>NAGA</i>    | 50.97 +/- 8.52               | 100.0 +/- 0.0    | 99.99 +/- 0.08   | 98.48 +/- 5.23   |
| <i>NAGLU</i>   | 53.56 +/- 8.47               | 100.0 +/- 0.0    | 99.96 +/- 0.3    | 98.55 +/- 4.21   |
| <i>NALCN</i>   | 54.83 +/- 7.12               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.5 +/- 1.21    |
| <i>NANS</i>    | 52.27 +/- 8.77               | 100.0 +/- 0.0    | 99.92 +/- 0.38   | 98.42 +/- 5.31   |
| <i>NAPB</i>    | 55.14 +/- 8.19               | 99.99 +/- 0.04   | 99.98 +/- 0.05   | 99.34 +/- 1.78   |
| <i>NARS1</i>   | 56.01 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.73 +/- 0.7    |
| <i>NARS2</i>   | 54.19 +/- 7.67               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.0 +/- 2.74    |
| <i>NAV3</i>    | 54.13 +/- 7.54               | 100.0 +/- 0.0    | 99.98 +/- 0.04   | 99.23 +/- 1.9    |
| <i>NAXE</i>    | 51.04 +/- 8.73               | 100.0 +/- 0.0    | 99.96 +/- 0.22   | 97.5 +/- 6.27    |
| <i>NBEA</i>    | 55.45 +/- 7.63               | 100.0 +/- 0.03   | 99.83 +/- 0.56   | 98.67 +/- 2.14   |
| <i>NBN</i>     | 55.05 +/- 7.63               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.44 +/- 1.07   |
| <i>NCAPG2</i>  | 55.61 +/- 7.35               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 99.55 +/- 1.35   |
| <i>NCDN</i>    | 52.21 +/- 8.91               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 97.92 +/- 5.77   |
| <i>NCKAP1</i>  | 54.13 +/- 7.64               | 100.0 +/- 0.0    | 99.95 +/- 0.15   | 99.02 +/- 2.06   |
| <i>NCOR2</i>   | 52.07 +/- 8.5                | 100.0 +/- 0.0    | 99.81 +/- 0.74   | 97.07 +/- 6.53   |
| <i>NDC1</i>    | 54.47 +/- 8.18               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.58 +/- 1.22   |
| <i>NDE1</i>    | 53.0 +/- 9.2                 | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 98.81 +/- 4.75   |
| <i>NDP</i>     | 42.79 +/- 16.25              | 99.96 +/- 0.25   | 93.61 +/- 13.18  | 70.24 +/- 35.63  |
| <i>NDST1</i>   | 51.47 +/- 8.23               | 100.0 +/- 0.03   | 99.81 +/- 0.91   | 97.78 +/- 6.97   |
| <i>NDUFA1</i>  | 45.51 +/- 17.89              | 100.0 +/- 0.0    | 95.43 +/- 10.56  | 72.42 +/- 34.32  |
| <i>NDUFA11</i> | 52.56 +/- 8.82               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.73 +/- 4.65   |
| <i>NDUFA12</i> | 52.71 +/- 8.99               | 100.0 +/- 0.0    | 99.93 +/- 0.48   | 98.66 +/- 3.86   |
| <i>NDUFA2</i>  | 53.81 +/- 9.93               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.0 +/- 3.71    |
| <i>NDUFA8</i>  | 54.01 +/- 8.8                | 100.0 +/- 0.0    | 99.85 +/- 1.01   | 97.54 +/- 4.93   |
| <i>NDUFAF2</i> | 57.01 +/- 8.31               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.31 +/- 2.6    |
| <i>NDUFAF3</i> | 49.77 +/- 8.61               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 97.77 +/- 7.86   |
| <i>NDUFAF5</i> | 55.53 +/- 7.82               | 99.89 +/- 0.17   | 99.84 +/- 0.19   | 99.13 +/- 1.58   |
| <i>NDUFAF8</i> | 52.72 +/- 8.39               | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 98.61 +/- 4.78   |
| <i>NDUFS1</i>  | 54.35 +/- 7.94               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.09 +/- 2.2    |
| <i>NDUFS2</i>  | 51.61 +/- 8.73               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.89 +/- 3.06   |



| Gen                    | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|------------------------|------------------------------|------------------|------------------|------------------|
| <i>NDUFS3</i>          | 53.23 +/- 8.99               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.37 +/- 2.91   |
| <i>NDUFS4</i>          | 55.0 +/- 7.61                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.82 +/- 0.87   |
| <i>NDUFS6</i>          | 56.37 +/- 9.2                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.99 +/- 2.5    |
| <i>NDUFS7</i>          | 57.32 +/- 9.67               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.55 +/- 3.68   |
| <i>NDUFS8</i>          | 53.59 +/- 9.05               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.0 +/- 3.0     |
| <i>NDUFV1</i>          | 48.59 +/- 8.66               | 100.0 +/- 0.0    | 99.84 +/- 0.89   | 96.41 +/- 7.96   |
| <i>NDUFV2</i>          | 55.3 +/- 7.4                 | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.42   |
| <i>NEDD4L</i>          | 53.26 +/- 8.08               | 100.0 +/- 0.0    | 99.7 +/- 0.51    | 97.88 +/- 3.71   |
| <i>NEMF</i>            | 55.17 +/- 7.35               | 99.9 +/- 0.0     | 99.89 +/- 0.06   | 99.42 +/- 1.42   |
| <i>NEU1</i>            | 51.09 +/- 8.34               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 98.09 +/- 5.5    |
| <i>NEUROD2</i>         | 48.4 +/- 7.96                | 100.0 +/- 0.0    | 99.66 +/- 1.74   | 95.08 +/- 9.9    |
| <i>NEUROG1</i>         | 52.18 +/- 8.33               | 100.0 +/- 0.0    | 99.84 +/- 1.04   | 98.09 +/- 7.08   |
| <i>NEXMIF</i>          | 42.17 +/- 15.86              | 99.9 +/- 0.37    | 93.52 +/- 10.21  | 68.62 +/- 36.38  |
| <i>NF1</i>             | 54.62 +/- 7.56               | 100.0 +/- 0.0    | 99.92 +/- 0.24   | 98.77 +/- 1.81   |
| <i>NFASC</i>           | 51.97 +/- 8.82               | 100.0 +/- 0.0    | 99.94 +/- 0.26   | 98.62 +/- 4.54   |
| <i>NFE2L2</i>          | 55.58 +/- 7.65               | 99.99 +/- 0.03   | 99.97 +/- 0.04   | 98.98 +/- 2.3    |
| <i>NFIA</i>            | 54.55 +/- 7.5                | 100.0 +/- 0.0    | 99.88 +/- 0.47   | 98.61 +/- 2.26   |
| <i>NFIB</i>            | 54.05 +/- 7.84               | 99.98 +/- 0.09   | 99.5 +/- 0.54    | 97.69 +/- 1.8    |
| <i>NFIX</i>            | 43.07 +/- 7.03               | 99.91 +/- 0.4    | 97.06 +/- 3.26   | 85.11 +/- 12.07  |
| <i>NFU1</i>            | 55.62 +/- 7.88               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.3 +/- 2.21    |
| <i>NGLY1</i>           | 56.28 +/- 7.24               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.99 +/- 2.4    |
| <i>NHLRC2</i>          | 55.52 +/- 7.49               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 99.57 +/- 1.05   |
| <i>NHS</i>             | 42.2 +/- 15.89               | 99.69 +/- 1.67   | 93.66 +/- 10.27  | 68.65 +/- 36.0   |
| <i>NIPBL</i>           | 54.63 +/- 6.99               | 100.0 +/- 0.03   | 99.82 +/- 0.35   | 98.43 +/- 1.48   |
| <i>NKAP</i>            | 42.3 +/- 15.89               | 99.93 +/- 0.23   | 93.9 +/- 11.31   | 68.52 +/- 37.0   |
| <i>NKX2-1</i>          | 51.81 +/- 7.67               | 99.99 +/- 0.04   | 99.97 +/- 0.07   | 98.01 +/- 5.4    |
| <i>NLGN2</i>           | 48.81 +/- 8.81               | 99.97 +/- 0.18   | 99.48 +/- 2.07   | 94.49 +/- 9.59   |
| <i>NLGN3</i>           | 40.25 +/- 15.65              | 99.84 +/- 0.5    | 91.0 +/- 14.91   | 64.88 +/- 39.68  |
| <i>NLGN4X</i>          | 41.87 +/- 15.7               | 99.85 +/- 0.75   | 93.8 +/- 11.35   | 68.61 +/- 36.49  |
| <i>NONO</i>            | 41.92 +/- 16.4               | 99.9 +/- 0.38    | 93.02 +/- 13.02  | 67.29 +/- 38.46  |
| <i>NOVA2</i>           | 46.34 +/- 7.87               | 99.42 +/- 0.49   | 96.51 +/- 2.73   | 88.81 +/- 8.92   |
| <i>NPC1</i>            | 53.64 +/- 7.59               | 100.0 +/- 0.0    | 99.95 +/- 0.27   | 98.96 +/- 3.09   |
| <i>NPC2</i>            | 51.22 +/- 8.83               | 100.0 +/- 0.0    | 99.95 +/- 0.36   | 98.58 +/- 4.1    |
| <i>NPHP1</i>           | 55.34 +/- 9.45               | 100.0 +/- 0.0    | 99.84 +/- 1.06   | 98.35 +/- 7.05   |
| <i>NR2F1</i>           | 44.04 +/- 6.85               | 99.89 +/- 0.53   | 97.32 +/- 5.59   | 86.35 +/- 11.84  |
| <i>NR2F2</i>           | 48.35 +/- 7.51               | 100.0 +/- 0.02   | 99.53 +/- 0.96   | 94.54 +/- 6.94   |
| <i>NR4A2</i>           | 53.14 +/- 7.61               | 100.0 +/- 0.0    | 99.91 +/- 0.5    | 98.68 +/- 3.97   |
| <i>NRAS</i>            | 55.99 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 0.83   |
| <i>NRCAM</i>           | 56.14 +/- 7.64               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.41 +/- 1.15   |
| <i>NRROS</i>           | 51.81 +/- 8.44               | 99.97 +/- 0.13   | 99.15 +/- 0.73   | 96.73 +/- 4.48   |
| <i>NRXN1</i>           | 56.21 +/- 7.75               | 100.0 +/- 0.01   | 99.93 +/- 0.3    | 99.35 +/- 1.62   |
| <i>NSD1</i>            | 52.17 +/- 8.07               | 100.0 +/- 0.0    | 99.78 +/- 0.59   | 98.12 +/- 3.26   |
| <i>NSD2</i>            | 54.18 +/- 8.33               | 99.84 +/- 0.23   | 99.24 +/- 0.44   | 97.39 +/- 3.32   |
| <i>NSDHL</i>           | 43.21 +/- 16.51              | 99.85 +/- 0.66   | 94.42 +/- 10.41  | 70.96 +/- 35.22  |
| <i>NSF<sup>2</sup></i> | 40.41 +/- 5.98               | 76.74 +/- 1.77   | 72.88 +/- 1.26   | 69.81 +/- 2.38   |
| <i>NSRP1</i>           | 52.94 +/- 7.9                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.41 +/- 1.28   |

| Gen                     | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-------------------------|------------------------------|------------------|------------------|------------------|
| <i>NSUN2</i>            | 54.3 +/- 8.03                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.98 +/- 4.11   |
| <i>NSUN6</i>            | 53.78 +/- 7.59               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.11 +/- 2.33   |
| <i>NT5C2</i>            | 55.17 +/- 8.33               | 100.0 +/- 0.0    | 99.99 +/- 0.08   | 99.24 +/- 2.4    |
| <i>NTNG2</i>            | 51.48 +/- 8.13               | 100.0 +/- 0.0    | 99.71 +/- 1.0    | 96.71 +/- 7.55   |
| <i>NTRK1</i>            | 48.9 +/- 8.23                | 100.0 +/- 0.0    | 99.99 +/- 0.08   | 97.0 +/- 7.44    |
| <i>NTRK2</i>            | 55.32 +/- 7.63               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 99.56 +/- 0.99   |
| <i>NUBPL</i>            | 54.57 +/- 8.26               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.39 +/- 2.17   |
| <i>NUDT2</i>            | 50.68 +/- 8.13               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.89 +/- 3.83   |
| <i>NUP107</i>           | 55.62 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.44 +/- 1.37   |
| <i>NUP133</i>           | 55.13 +/- 7.83               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 99.45 +/- 1.79   |
| <i>NUP188</i>           | 52.56 +/- 7.99               | 100.0 +/- 0.0    | 99.92 +/- 0.44   | 98.73 +/- 3.56   |
| <i>NUP214</i>           | 53.24 +/- 7.9                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.24 +/- 2.08   |
| <i>NUP54</i>            | 56.12 +/- 7.97               | 99.98 +/- 0.06   | 99.98 +/- 0.06   | 99.63 +/- 0.85   |
| <i>NUP62</i>            | 51.76 +/- 8.11               | 100.0 +/- 0.0    | 99.99 +/- 0.08   | 98.87 +/- 3.4    |
| <i>NUP85</i>            | 53.33 +/- 8.49               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.98 +/- 2.64   |
| <i>NUS1</i>             | 51.67 +/- 7.28               | 100.0 +/- 0.0    | 99.4 +/- 1.16    | 94.35 +/- 6.2    |
| <i>OAT</i>              | 55.98 +/- 8.06               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.32 +/- 1.48   |
| <i>OCLN<sup>2</sup></i> | 33.07 +/- 5.54               | 78.7 +/- 7.64    | 69.0 +/- 7.63    | 56.82 +/- 9.02   |
| <i>OCRL</i>             | 40.95 +/- 15.68              | 99.87 +/- 0.59   | 91.54 +/- 13.83  | 66.68 +/- 38.47  |
| <i>ODC1</i>             | 52.88 +/- 8.68               | 100.0 +/- 0.0    | 99.89 +/- 0.61   | 98.63 +/- 3.83   |
| <i>OFD1</i>             | 42.18 +/- 15.83              | 99.93 +/- 0.36   | 93.98 +/- 9.99   | 68.58 +/- 36.59  |
| <i>OGDH</i>             | 52.34 +/- 8.13               | 100.0 +/- 0.0    | 99.98 +/- 0.11   | 99.03 +/- 3.75   |
| <i>OGDHL</i>            | 51.22 +/- 8.34               | 100.0 +/- 0.0    | 99.88 +/- 0.71   | 97.89 +/- 6.21   |
| <i>OGT</i>              | 43.01 +/- 16.01              | 99.96 +/- 0.25   | 94.68 +/- 9.42   | 70.31 +/- 34.59  |
| <i>OPA3</i>             | 51.74 +/- 8.39               | 99.97 +/- 0.04   | 99.96 +/- 0.06   | 98.64 +/- 3.21   |
| <i>OPHN1</i>            | 40.76 +/- 15.53              | 98.71 +/- 1.63   | 90.34 +/- 11.02  | 64.67 +/- 35.52  |
| <i>ORC1</i>             | 53.6 +/- 7.96                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.9    |
| <i>OSGEP</i>            | 52.23 +/- 8.21               | 99.96 +/- 0.05   | 99.95 +/- 0.05   | 99.49 +/- 1.5    |
| <i>OTC</i>              | 42.98 +/- 16.02              | 100.0 +/- 0.0    | 95.48 +/- 8.06   | 69.98 +/- 35.38  |
| <i>OTUD5</i>            | 38.21 +/- 14.74              | 99.32 +/- 2.96   | 88.4 +/- 18.4    | 62.0 +/- 41.42   |
| <i>OTUD6B</i>           | 54.42 +/- 7.43               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.25 +/- 1.66   |
| <i>OTUD7A</i>           | 52.63 +/- 7.66               | 100.0 +/- 0.0    | 99.67 +/- 0.9    | 96.95 +/- 4.96   |
| <i>OTX2</i>             | 52.15 +/- 8.58               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.91 +/- 2.84   |
| <i>OXR1</i>             | 56.53 +/- 7.6                | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.62 +/- 1.09   |
| <i>P4HTM</i>            | 52.1 +/- 8.44                | 100.0 +/- 0.0    | 99.67 +/- 1.63   | 96.97 +/- 6.79   |
| <i>PABPC1</i>           | 58.51 +/- 9.45               | 100.0 +/- 0.0    | 99.86 +/- 0.84   | 98.37 +/- 3.71   |
| <i>PACS1</i>            | 49.25 +/- 7.73               | 99.98 +/- 0.09   | 99.48 +/- 2.02   | 95.41 +/- 8.47   |
| <i>PACS2</i>            | 51.75 +/- 9.07               | 99.99 +/- 0.04   | 99.64 +/- 0.96   | 96.54 +/- 5.95   |
| <i>PAFAH1B1</i>         | 53.48 +/- 7.63               | 100.0 +/- 0.0    | 99.46 +/- 0.82   | 96.34 +/- 2.65   |
| <i>PAH</i>              | 55.16 +/- 7.91               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.51 +/- 1.75   |
| <i>PAK1</i>             | 48.6 +/- 7.72                | 99.92 +/- 0.36   | 98.86 +/- 2.38   | 94.47 +/- 5.32   |
| <i>PAK3</i>             | 42.49 +/- 15.67              | 99.89 +/- 0.42   | 94.67 +/- 9.67   | 69.6 +/- 35.39   |
| <i>PALS1</i>            | 55.6 +/- 7.5                 | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 99.47 +/- 1.33   |
| <i>PAM16</i>            | 52.48 +/- 9.38               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.48 +/- 4.0    |
| <i>PAN2</i>             | 53.2 +/- 8.16                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.05 +/- 2.83   |
| <i>PANK2</i>            | 52.0 +/- 7.82                | 100.0 +/- 0.02   | 99.89 +/- 0.27   | 97.84 +/- 4.21   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>PANX1</i>   | 52.67 +/- 7.67               | 99.96 +/- 0.08   | 99.86 +/- 0.48   | 98.58 +/- 4.59   |
| <i>PARN</i>    | 55.23 +/- 7.78               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 99.31 +/- 2.15   |
| <i>PARP6</i>   | 52.45 +/- 7.96               | 100.0 +/- 0.0    | 99.85 +/- 0.71   | 98.61 +/- 3.35   |
| <i>PARS2</i>   | 51.28 +/- 8.57               | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 98.29 +/- 6.55   |
| <i>PAX1</i>    | 50.63 +/- 7.77               | 100.0 +/- 0.0    | 99.75 +/- 0.88   | 97.05 +/- 5.56   |
| <i>PAX7</i>    | 49.81 +/- 7.65               | 100.0 +/- 0.0    | 99.93 +/- 0.43   | 98.08 +/- 4.73   |
| <i>PAX8</i>    | 51.95 +/- 8.53               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.44 +/- 5.45   |
| <i>PBX1</i>    | 51.52 +/- 7.16               | 100.0 +/- 0.0    | 99.86 +/- 0.46   | 97.67 +/- 3.92   |
| <i>PC</i>      | 52.18 +/- 8.5                | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 98.42 +/- 5.62   |
| <i>PCCA</i>    | 54.77 +/- 7.57               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.73 +/- 2.9    |
| <i>PCCB</i>    | 53.66 +/- 7.65               | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 99.15 +/- 3.22   |
| <i>PCDH12</i>  | 52.52 +/- 8.25               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.67 +/- 4.88   |
| <i>PCDH19</i>  | 41.49 +/- 15.9               | 99.76 +/- 0.88   | 92.2 +/- 12.46   | 66.75 +/- 37.07  |
| <i>PCDHGC4</i> | 53.22 +/- 8.09               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 98.99 +/- 3.4    |
| <i>PCGF2</i>   | 45.19 +/- 8.52               | 99.78 +/- 0.95   | 97.69 +/- 1.89   | 90.6 +/- 8.06    |
| <i>PCLO</i>    | 52.5 +/- 7.17                | 100.0 +/- 0.02   | 99.74 +/- 0.29   | 98.3 +/- 2.44    |
| <i>PCNT</i>    | 55.98 +/- 8.01               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 99.27 +/- 2.67   |
| <i>PCYT2</i>   | 53.5 +/- 8.87                | 100.0 +/- 0.0    | 99.88 +/- 0.44   | 97.99 +/- 4.94   |
| <i>PDE2A</i>   | 50.13 +/- 8.42               | 100.0 +/- 0.0    | 99.82 +/- 0.71   | 97.14 +/- 7.73   |
| <i>PDE4D</i>   | 54.51 +/- 7.74               | 99.98 +/- 0.15   | 99.84 +/- 0.82   | 98.77 +/- 1.99   |
| <i>PDGFRB</i>  | 50.87 +/- 8.52               | 100.0 +/- 0.0    | 99.92 +/- 0.48   | 97.79 +/- 5.86   |
| <i>PDHA1</i>   | 43.76 +/- 16.92              | 99.88 +/- 0.67   | 94.09 +/- 10.74  | 70.2 +/- 35.65   |
| <i>PDHB</i>    | 54.86 +/- 8.3                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.46 +/- 1.07   |
| <i>PDHX</i>    | 54.88 +/- 7.6                | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.43 +/- 1.18   |
| <i>PDP1</i>    | 55.18 +/- 7.44               | 100.0 +/- 0.0    | 99.91 +/- 0.45   | 99.03 +/- 1.65   |
| <i>PDSS1</i>   | 55.54 +/- 6.89               | 100.0 +/- 0.0    | 99.86 +/- 0.74   | 99.08 +/- 2.49   |
| <i>PDSS2</i>   | 54.56 +/- 7.59               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.48 +/- 1.26   |
| <i>PDZD8</i>   | 54.2 +/- 7.42                | 99.98 +/- 0.06   | 99.84 +/- 0.43   | 98.19 +/- 2.38   |
| <i>PEPD</i>    | 54.6 +/- 8.45                | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 98.78 +/- 3.43   |
| <i>PET100</i>  | 49.16 +/- 9.24               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 97.5 +/- 10.89   |
| <i>PEX1</i>    | 55.38 +/- 6.94               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.54 +/- 1.11   |
| <i>PEX10</i>   | 56.41 +/- 8.73               | 100.0 +/- 0.0    | 99.93 +/- 0.45   | 99.24 +/- 2.69   |
| <i>PEX11B</i>  | 50.89 +/- 8.52               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.38 +/- 3.17   |
| <i>PEX12</i>   | 52.36 +/- 8.05               | 99.94 +/- 0.09   | 99.91 +/- 0.19   | 99.26 +/- 1.91   |
| <i>PEX13</i>   | 54.29 +/- 7.37               | 100.0 +/- 0.0    | 99.96 +/- 0.28   | 99.22 +/- 2.23   |
| <i>PEX16</i>   | 51.69 +/- 9.17               | 100.0 +/- 0.0    | 99.96 +/- 0.3    | 98.06 +/- 4.43   |
| <i>PEX19</i>   | 53.51 +/- 8.58               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.58 +/- 1.02   |
| <i>PEX2</i>    | 54.88 +/- 8.0                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.74 +/- 0.88   |
| <i>PEX26</i>   | 53.39 +/- 7.97               | 100.0 +/- 0.0    | 99.91 +/- 0.19   | 98.77 +/- 3.11   |
| <i>PEX3</i>    | 55.63 +/- 7.14               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.35 +/- 1.19   |
| <i>PEX5</i>    | 51.67 +/- 7.99               | 100.0 +/- 0.0    | 99.92 +/- 0.44   | 98.66 +/- 4.0    |
| <i>PEX6</i>    | 49.64 +/- 7.85               | 99.96 +/- 0.05   | 99.82 +/- 0.41   | 96.66 +/- 7.29   |
| <i>PEX7</i>    | 56.22 +/- 7.44               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.46 +/- 1.84   |
| <i>PGAP1</i>   | 55.75 +/- 7.66               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.5 +/- 1.0     |
| <i>PGAP2</i>   | 50.81 +/- 9.5                | 100.0 +/- 0.03   | 99.98 +/- 0.09   | 98.07 +/- 5.92   |
| <i>PGAP3</i>   | 50.71 +/- 8.17               | 100.0 +/- 0.0    | 99.93 +/- 0.33   | 98.17 +/- 6.7    |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>PGK1</i>    | 43.93 +/- 16.0               | 99.94 +/- 0.2    | 96.29 +/- 7.81   | 72.91 +/- 33.11  |
| <i>PGM2L1</i>  | 55.41 +/- 7.48               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.53 +/- 1.13   |
| <i>PGM3</i>    | 54.72 +/- 7.6                | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.51 +/- 0.98   |
| <i>PHACTR1</i> | 52.78 +/- 8.18               | 100.0 +/- 0.0    | 99.9 +/- 0.51    | 98.51 +/- 3.72   |
| <i>PHF21A</i>  | 50.01 +/- 8.04               | 99.9 +/- 0.1     | 99.22 +/- 1.51   | 94.88 +/- 6.17   |
| <i>PHF5A</i>   | 42.14 +/- 7.95               | 99.51 +/- 1.43   | 93.5 +/- 5.33    | 78.96 +/- 11.24  |
| <i>PHF6</i>    | 44.03 +/- 16.05              | 99.98 +/- 0.08   | 95.48 +/- 8.69   | 72.36 +/- 32.74  |
| <i>PHF8</i>    | 40.46 +/- 15.7               | 99.87 +/- 0.37   | 90.59 +/- 14.97  | 65.41 +/- 39.11  |
| <i>PHGDH</i>   | 52.27 +/- 8.44               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.5 +/- 6.02    |
| <i>PHIP</i>    | 55.39 +/- 7.21               | 99.98 +/- 0.08   | 99.84 +/- 0.24   | 98.98 +/- 1.38   |
| <i>PI4K2A</i>  | 51.25 +/- 8.11               | 100.0 +/- 0.0    | 99.9 +/- 0.34    | 97.88 +/- 5.37   |
| <i>PI4KA</i>   | 52.04 +/- 7.84               | 99.98 +/- 0.13   | 99.54 +/- 1.23   | 97.5 +/- 4.14    |
| <i>PIBF1</i>   | 55.04 +/- 7.25               | 100.0 +/- 0.0    | 99.96 +/- 0.22   | 99.29 +/- 1.59   |
| <i>PIDD1</i>   | 51.38 +/- 8.62               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 98.11 +/- 5.43   |
| <i>PIGA</i>    | 43.57 +/- 15.89              | 99.98 +/- 0.1    | 95.37 +/- 9.92   | 71.86 +/- 34.18  |
| <i>PIGB</i>    | 55.65 +/- 6.99               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.58 +/- 1.13   |
| <i>PIGC</i>    | 53.97 +/- 9.31               | 100.0 +/- 0.0    | 99.94 +/- 0.4    | 98.82 +/- 4.49   |
| <i>PIGF</i>    | 55.31 +/- 7.64               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.41 +/- 1.44   |
| <i>PIGG</i>    | 55.84 +/- 7.58               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.38 +/- 2.12   |
| <i>PIGH</i>    | 53.08 +/- 8.23               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 98.72 +/- 3.83   |
| <i>PIGK</i>    | 56.43 +/- 7.97               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.76 +/- 0.64   |
| <i>PIGL</i>    | 53.93 +/- 7.71               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.23 +/- 3.17   |
| <i>PIGN</i>    | 54.9 +/- 7.58                | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 99.19 +/- 1.65   |
| <i>PIGO</i>    | 53.27 +/- 8.19               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.94 +/- 3.16   |
| <i>PIGP</i>    | 53.55 +/- 8.13               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.04 +/- 3.07   |
| <i>PIGQ</i>    | 53.19 +/- 9.42               | 100.0 +/- 0.0    | 99.84 +/- 0.8    | 97.21 +/- 7.05   |
| <i>PIGS</i>    | 52.29 +/- 7.9                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.12 +/- 2.56   |
| <i>PIGT</i>    | 50.65 +/- 8.58               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 97.76 +/- 5.86   |
| <i>PIGU</i>    | 53.33 +/- 7.68               | 100.0 +/- 0.0    | 99.9 +/- 0.67    | 98.9 +/- 3.05    |
| <i>PIGV</i>    | 53.84 +/- 7.7                | 100.0 +/- 0.0    | 99.95 +/- 0.29   | 99.36 +/- 2.0    |
| <i>PIGW</i>    | 55.02 +/- 7.58               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.38 +/- 2.64   |
| <i>PIGY</i>    | 56.41 +/- 8.68               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.36 +/- 2.5    |
| <i>PIK3C2A</i> | 55.51 +/- 7.46               | 99.99 +/- 0.03   | 99.99 +/- 0.03   | 99.46 +/- 1.05   |
| <i>PIK3CA</i>  | 53.66 +/- 7.15               | 100.0 +/- 0.0    | 99.92 +/- 0.21   | 98.82 +/- 1.69   |
| <i>PIK3R2</i>  | 52.84 +/- 8.74               | 100.0 +/- 0.0    | 99.89 +/- 0.39   | 97.55 +/- 6.63   |
| <i>PIP5K1C</i> | 53.23 +/- 8.82               | 100.0 +/- 0.0    | 99.86 +/- 0.56   | 98.29 +/- 4.56   |
| <i>PISD</i>    | 55.09 +/- 8.55               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.27 +/- 3.38   |
| <i>PITRM1</i>  | 55.92 +/- 7.77               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.51 +/- 1.26   |
| <i>PJA1</i>    | 39.37 +/- 15.62              | 99.92 +/- 0.35   | 90.03 +/- 14.72  | 62.34 +/- 41.37  |
| <i>PLA2G6</i>  | 50.91 +/- 9.79               | 100.0 +/- 0.0    | 99.94 +/- 0.2    | 97.08 +/- 5.68   |
| <i>PLAA</i>    | 56.26 +/- 7.5                | 100.0 +/- 0.0    | 99.97 +/- 0.18   | 99.56 +/- 1.18   |
| <i>PLAAT3</i>  | 52.17 +/- 9.18               | 100.0 +/- 0.0    | 99.72 +/- 1.89   | 97.79 +/- 10.03  |
| <i>PLCB1</i>   | 54.82 +/- 7.63               | 100.0 +/- 0.01   | 99.99 +/- 0.03   | 98.86 +/- 2.62   |
| <i>PLEKHG2</i> | 50.36 +/- 8.2                | 100.0 +/- 0.0    | 99.86 +/- 0.66   | 97.13 +/- 7.43   |
| <i>PLK1</i>    | 50.95 +/- 8.04               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.46 +/- 5.7    |
| <i>PLK4</i>    | 55.66 +/- 7.66               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 0.99   |
| <i>PLP1</i>    | 43.22 +/- 16.2               | 99.9 +/- 0.54    | 94.53 +/- 8.67   | 70.22 +/- 34.85  |

| Gen                      | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|--------------------------|------------------------------|------------------|------------------|------------------|
| <i>PLPBP</i>             | 53.69 +/- 8.14               | 100.0 +/- 0.0    | 99.96 +/- 0.24   | 98.82 +/- 3.54   |
| <i>PLXNA1</i>            | 55.1 +/- 9.12                | 99.99 +/- 0.09   | 99.7 +/- 0.59    | 98.0 +/- 4.18    |
| <i>PLXNA2</i>            | 52.48 +/- 8.04               | 99.96 +/- 0.05   | 99.88 +/- 0.12   | 98.67 +/- 4.09   |
| <i>PLXNB2</i>            | 52.78 +/- 8.76               | 100.0 +/- 0.0    | 99.59 +/- 1.07   | 96.5 +/- 5.64    |
| <i>PLXND1</i>            | 51.83 +/- 8.7                | 100.0 +/- 0.0    | 99.79 +/- 0.6    | 97.03 +/- 7.01   |
| <i>PMM2</i>              | 53.79 +/- 8.67               | 100.0 +/- 0.0    | 99.87 +/- 0.85   | 98.37 +/- 4.98   |
| <i>PMPCA</i>             | 55.8 +/- 8.6                 | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.33 +/- 2.73   |
| <i>PMPCB</i>             | 55.77 +/- 8.01               | 100.0 +/- 0.01   | 100.0 +/- 0.01   | 99.59 +/- 1.06   |
| <i>PNKP</i>              | 51.37 +/- 8.13               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.05 +/- 3.57   |
| <i>PNP</i>               | 51.94 +/- 8.91               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.78 +/- 4.62   |
| <i>PNPLA6</i>            | 52.2 +/- 8.63                | 100.0 +/- 0.0    | 99.94 +/- 0.24   | 97.88 +/- 5.9    |
| <i>PNPLA8</i>            | 55.49 +/- 7.52               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.56 +/- 0.85   |
| <i>PNPT1</i>             | 55.04 +/- 7.48               | 99.98 +/- 0.04   | 99.97 +/- 0.08   | 99.33 +/- 1.73   |
| <i>POGZ</i>              | 52.11 +/- 7.81               | 100.0 +/- 0.0    | 99.74 +/- 0.77   | 97.63 +/- 3.35   |
| <i>POLA1</i>             | 42.58 +/- 15.64              | 99.98 +/- 0.1    | 94.46 +/- 9.17   | 69.93 +/- 35.29  |
| <i>POLG</i>              | 52.88 +/- 8.23               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 98.88 +/- 3.87   |
| <i>POLR1A</i>            | 53.61 +/- 8.02               | 100.0 +/- 0.0    | 99.97 +/- 0.16   | 99.16 +/- 2.65   |
| <i>POLR1C</i>            | 52.06 +/- 8.08               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.44 +/- 2.51   |
| <i>POLR2A</i>            | 49.64 +/- 8.16               | 100.0 +/- 0.0    | 99.9 +/- 0.44    | 96.66 +/- 7.05   |
| <i>POLR3A</i>            | 54.13 +/- 7.99               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 99.29 +/- 2.62   |
| <i>POLR3B</i>            | 54.38 +/- 7.41               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.52 +/- 1.92   |
| <i>POLR3K</i>            | 53.52 +/- 8.88               | 100.0 +/- 0.01   | 99.98 +/- 0.06   | 98.86 +/- 5.07   |
| <i>POLRMT</i>            | 56.38 +/- 9.31               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 98.74 +/- 4.22   |
| <i>POMGNT1</i>           | 52.11 +/- 9.18               | 100.0 +/- 0.0    | 99.94 +/- 0.42   | 98.61 +/- 4.01   |
| <i>POMGNT2</i>           | 54.16 +/- 8.27               | 100.0 +/- 0.0    | 99.93 +/- 0.49   | 98.39 +/- 3.97   |
| <i>POMK</i>              | 53.3 +/- 8.89                | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.67 +/- 5.37   |
| <i>POMT1</i>             | 53.59 +/- 8.44               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.07 +/- 3.38   |
| <i>POMT2</i>             | 49.86 +/- 8.39               | 99.99 +/- 0.07   | 99.7 +/- 0.83    | 96.75 +/- 6.31   |
| <i>PORCN<sup>3</sup></i> | 38.12 +/- 15.18              | 99.86 +/- 0.53   | 87.69 +/- 18.17  | 61.91 +/- 41.01  |
| <i>POU1F1</i>            | 55.33 +/- 7.88               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.19 +/- 2.4    |
| <i>POU3F2</i>            | 51.12 +/- 7.16               | 100.0 +/- 0.0    | 99.82 +/- 0.93   | 96.79 +/- 6.01   |
| <i>POU3F3</i>            | 43.85 +/- 6.78               | 99.63 +/- 1.17   | 95.46 +/- 5.5    | 84.31 +/- 10.59  |
| <i>PPFIA3</i>            | 48.27 +/- 7.82               | 100.0 +/- 0.0    | 99.43 +/- 1.13   | 94.76 +/- 7.75   |
| <i>PPFIBP1</i>           | 54.2 +/- 7.89                | 100.0 +/- 0.0    | 99.92 +/- 0.29   | 98.9 +/- 2.12    |
| <i>PPIL1</i>             | 54.04 +/- 8.22               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 99.2 +/- 2.69    |
| <i>PPM1D</i>             | 54.42 +/- 8.32               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.26 +/- 2.29   |
| <i>PPP1CB</i>            | 55.13 +/- 7.65               | 100.0 +/- 0.03   | 99.76 +/- 0.67   | 97.96 +/- 2.01   |
| <i>PPP1R12A</i>          | 55.55 +/- 7.49               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 99.3 +/- 1.63    |
| <i>PPP1R15B</i>          | 53.51 +/- 7.47               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.4 +/- 1.95    |
| <i>PPP1R21</i>           | 54.2 +/- 7.69                | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.86 +/- 1.91   |
| <i>PPP1R3F</i>           | 40.21 +/- 15.94              | 99.54 +/- 2.51   | 90.27 +/- 16.44  | 64.43 +/- 40.76  |
| <i>PPP2CA</i>            | 54.93 +/- 7.72               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.32 +/- 1.73   |
| <i>PPP2R1A</i>           | 50.85 +/- 8.28               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.29 +/- 5.25   |
| <i>PPP2R2B</i>           | 52.78 +/- 7.79               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.1 +/- 2.44    |
| <i>PPP2R3C</i>           | 55.76 +/- 8.1                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.7 +/- 0.96    |
| <i>PPP2R5B</i>           | 50.16 +/- 8.37               | 100.0 +/- 0.01   | 99.74 +/- 1.26   | 97.26 +/- 7.98   |

| Gen                        | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------------------|------------------------------|------------------|------------------|------------------|
| <i>PPP2R5C</i>             | 54.71 +/- 7.14               | 99.82 +/- 0.52   | 98.32 +/- 1.34   | 96.21 +/- 1.63   |
| <i>PPP2R5D</i>             | 50.01 +/- 8.74               | 100.0 +/- 0.0    | 99.94 +/- 0.33   | 97.4 +/- 6.19    |
| <i>PPP3CA</i>              | 54.53 +/- 7.45               | 100.0 +/- 0.0    | 99.94 +/- 0.32   | 98.17 +/- 3.89   |
| <i>PPT1</i>                | 53.27 +/- 7.55               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 99.2 +/- 2.6     |
| <i>PQBP1</i>               | 39.0 +/- 15.68               | 99.78 +/- 1.23   | 88.03 +/- 20.76  | 63.2 +/- 41.8    |
| <i>PRDM13</i>              | 52.75 +/- 7.97               | 99.98 +/- 0.1    | 99.51 +/- 2.39   | 97.3 +/- 6.89    |
| <i>PRDM15</i>              | 54.17 +/- 7.69               | 100.0 +/- 0.0    | 99.92 +/- 0.34   | 98.52 +/- 3.91   |
| <i>PRICKLE2</i>            | 54.04 +/- 8.11               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.28 +/- 2.32   |
| <i>PRKACB</i>              | 56.09 +/- 6.93               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.83 +/- 0.47   |
| <i>PRKAR1A</i>             | 54.91 +/- 7.09               | 100.0 +/- 0.0    | 99.88 +/- 0.57   | 99.47 +/- 1.56   |
| <i>PRKAR1B</i>             | 53.12 +/- 8.59               | 100.0 +/- 0.0    | 99.87 +/- 0.57   | 98.97 +/- 2.3    |
| <i>PRMT7</i>               | 54.41 +/- 7.96               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.92 +/- 3.91   |
| <i>PRODH<sup>1,2</sup></i> | 1.58 +/- 2.24                | 4.85 +/- 9.2     | 1.44 +/- 4.86    | 0.5 +/- 2.07     |
| <i>PRPF19</i>              | 48.16 +/- 8.01               | 99.78 +/- 0.56   | 97.96 +/- 1.63   | 93.25 +/- 6.05   |
| <i>PRPF8</i>               | 51.5 +/- 8.41                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.75 +/- 4.15   |
| <i>PRPS1</i>               | 39.1 +/- 15.28               | 99.38 +/- 1.99   | 89.0 +/- 16.91   | 63.4 +/- 37.45   |
| <i>PRR12</i>               | 47.53 +/- 8.07               | 99.95 +/- 0.23   | 99.3 +/- 1.39    | 93.68 +/- 8.9    |
| <i>PRSS12</i>              | 54.42 +/- 7.64               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 98.56 +/- 2.81   |
| <i>PRUNE1</i>              | 52.25 +/- 8.18               | 100.0 +/- 0.0    | 99.92 +/- 0.51   | 98.74 +/- 4.29   |
| <i>PSAP</i>                | 52.53 +/- 7.99               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.77 +/- 4.43   |
| <i>PSAT1</i>               | 55.68 +/- 8.19               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.44 +/- 1.36   |
| <i>PSMC3</i>               | 50.82 +/- 8.86               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 97.76 +/- 9.76   |
| <i>PSMC5</i>               | 53.44 +/- 8.89               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.82 +/- 4.58   |
| <i>PSMD11</i>              | 51.9 +/- 8.15                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.31 +/- 4.2    |
| <i>PSMD12</i>              | 54.19 +/- 7.5                | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.29 +/- 1.37   |
| <i>PSPH</i>                | 54.07 +/- 8.17               | 100.0 +/- 0.01   | 99.96 +/- 0.18   | 99.11 +/- 3.81   |
| <i>PTCD3</i>               | 54.28 +/- 7.98               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.46 +/- 1.4    |
| <i>PTCH1</i>               | 52.91 +/- 7.48               | 100.0 +/- 0.0    | 99.8 +/- 0.72    | 97.28 +/- 5.09   |
| <i>PTCHD1</i>              | 42.77 +/- 16.24              | 99.95 +/- 0.18   | 93.78 +/- 10.53  | 69.47 +/- 35.63  |
| <i>PTDSS1</i>              | 53.37 +/- 8.36               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 98.92 +/- 3.06   |
| <i>PTEN</i>                | 54.57 +/- 7.05               | 100.0 +/- 0.0    | 99.92 +/- 0.29   | 98.94 +/- 2.43   |
| <i>PTF1A</i>               | 47.31 +/- 8.54               | 99.98 +/- 0.06   | 99.45 +/- 1.68   | 92.15 +/- 13.06  |
| <i>PTPA</i>                | 49.71 +/- 8.74               | 100.0 +/- 0.0    | 99.65 +/- 1.15   | 95.8 +/- 8.14    |
| <i>PTPMT1</i>              | 52.27 +/- 8.39               | 100.0 +/- 0.0    | 99.95 +/- 0.25   | 98.26 +/- 3.1    |
| <i>PTPN11</i>              | 55.1 +/- 7.94                | 100.0 +/- 0.0    | 99.96 +/- 0.18   | 99.28 +/- 1.99   |
| <i>PTPN23</i>              | 49.87 +/- 8.16               | 99.98 +/- 0.15   | 99.58 +/- 1.44   | 95.44 +/- 6.72   |
| <i>PTPN4</i>               | 55.55 +/- 7.54               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.46 +/- 1.11   |
| <i>PTRH2</i>               | 54.04 +/- 9.61               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.14 +/- 3.67   |
| <i>PTRHD1</i>              | 54.13 +/- 7.52               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.81 +/- 4.5    |
| <i>PTS</i>                 | 55.74 +/- 8.01               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 98.97 +/- 3.15   |
| <i>PUF60</i>               | 48.41 +/- 8.66               | 100.0 +/- 0.0    | 99.9 +/- 0.43    | 96.0 +/- 6.95    |
| <i>PUM1</i>                | 53.23 +/- 7.59               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.06 +/- 1.97   |
| <i>PURA</i>                | 54.75 +/- 7.81               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.14 +/- 1.54   |
| <i>PUS1</i>                | 53.9 +/- 8.22                | 100.0 +/- 0.0    | 99.87 +/- 0.58   | 97.45 +/- 4.42   |
| <i>PUS3</i>                | 53.69 +/- 7.71               | 99.96 +/- 0.05   | 99.95 +/- 0.05   | 99.35 +/- 2.03   |
| <i>PUS7</i>                | 54.21 +/- 7.67               | 100.0 +/- 0.0    | 99.95 +/- 0.36   | 99.39 +/- 1.47   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>PYCR1</i>    | 53.28 +/- 9.31               | 100.0 +/- 0.0    | 99.92 +/- 0.32   | 98.62 +/- 3.25   |
| <i>PYCR2</i>    | 49.55 +/- 7.95               | 100.0 +/- 0.0    | 99.84 +/- 0.73   | 97.0 +/- 5.97    |
| <i>QARS1</i>    | 51.46 +/- 8.33               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.68 +/- 5.19   |
| <i>QDPR</i>     | 52.59 +/- 7.85               | 99.99 +/- 0.03   | 99.98 +/- 0.04   | 98.46 +/- 3.88   |
| <i>QRICH1</i>   | 52.67 +/- 7.9                | 100.0 +/- 0.0    | 99.96 +/- 0.3    | 98.82 +/- 3.11   |
| <i>RAB11A</i>   | 56.59 +/- 8.23               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.78 +/- 0.51   |
| <i>RAB11B</i>   | 50.41 +/- 8.21               | 100.0 +/- 0.0    | 99.87 +/- 0.54   | 96.66 +/- 5.39   |
| <i>RAB14</i>    | 56.21 +/- 7.72               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.35 +/- 1.3    |
| <i>RAB18</i>    | 55.31 +/- 7.79               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.65 +/- 1.29   |
| <i>RAB23</i>    | 55.86 +/- 7.44               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.5 +/- 1.55    |
| <i>RAB27A</i>   | 54.29 +/- 7.71               | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 99.41 +/- 1.5    |
| <i>RAB34</i>    | 50.4 +/- 8.29                | 100.0 +/- 0.0    | 99.93 +/- 0.33   | 97.99 +/- 6.2    |
| <i>RAB39B</i>   | 43.05 +/- 16.22              | 99.97 +/- 0.15   | 94.94 +/- 9.94   | 70.25 +/- 34.87  |
| <i>RAB3GAP1</i> | 52.81 +/- 7.59               | 100.0 +/- 0.0    | 99.69 +/- 1.41   | 97.72 +/- 4.82   |
| <i>RAB3GAP2</i> | 55.12 +/- 6.99               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.4 +/- 1.17    |
| <i>RAB5C</i>    | 49.13 +/- 8.33               | 100.0 +/- 0.0    | 99.91 +/- 0.51   | 96.31 +/- 6.09   |
| <i>RABGAP1</i>  | 53.2 +/- 7.72                | 99.95 +/- 0.27   | 99.88 +/- 0.41   | 98.08 +/- 2.82   |
| <i>RAC1</i>     | 55.18 +/- 7.37               | 100.0 +/- 0.0    | 99.79 +/- 0.72   | 97.73 +/- 3.73   |
| <i>RAC3</i>     | 44.13 +/- 8.4                | 99.81 +/- 1.25   | 97.43 +/- 4.14   | 85.22 +/- 14.15  |
| <i>RAD21</i>    | 54.67 +/- 7.16               | 100.0 +/- 0.01   | 99.66 +/- 0.66   | 97.88 +/- 1.66   |
| <i>RAF1</i>     | 54.46 +/- 7.88               | 100.0 +/- 0.01   | 99.97 +/- 0.19   | 98.64 +/- 4.74   |
| <i>RAI1</i>     | 52.47 +/- 8.53               | 99.98 +/- 0.08   | 99.54 +/- 0.85   | 96.54 +/- 5.97   |
| <i>RALA</i>     | 54.19 +/- 7.51               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 98.34 +/- 2.92   |
| <i>RALGAPA1</i> | 53.87 +/- 7.18               | 100.0 +/- 0.0    | 99.98 +/- 0.07   | 98.95 +/- 2.1    |
| <i>RAP1B</i>    | 53.55 +/- 7.68               | 100.0 +/- 0.0    | 99.8 +/- 0.55    | 98.16 +/- 2.22   |
| <i>RARB</i>     | 55.34 +/- 7.91               | 99.98 +/- 0.04   | 99.98 +/- 0.04   | 99.43 +/- 1.9    |
| <i>RARS1</i>    | 54.13 +/- 8.35               | 100.0 +/- 0.0    | 99.95 +/- 0.23   | 99.1 +/- 1.79    |
| <i>RARS2</i>    | 55.04 +/- 7.76               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.68 +/- 0.8    |
| <i>RBBP5</i>    | 53.32 +/- 7.52               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.1 +/- 1.96    |
| <i>RBBP8</i>    | 54.25 +/- 7.39               | 100.0 +/- 0.0    | 99.96 +/- 0.14   | 99.0 +/- 2.1     |
| <i>RBFOX1</i>   | 52.61 +/- 7.34               | 100.0 +/- 0.0    | 99.84 +/- 0.68   | 98.11 +/- 4.63   |
| <i>RBL2</i>     | 54.93 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.14 +/- 2.21   |
| <i>RBM10</i>    | 40.12 +/- 15.92              | 99.82 +/- 0.97   | 89.03 +/- 17.37  | 64.5 +/- 39.49   |
| <i>RBM28</i>    | 53.35 +/- 8.08               | 99.94 +/- 0.12   | 99.56 +/- 0.36   | 98.09 +/- 2.62   |
| <i>RBPJ</i>     | 56.42 +/- 7.96               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.46 +/- 1.16   |
| <i>RBSN</i>     | 52.68 +/- 7.95               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.03 +/- 3.47   |
| <i>RCBTB1</i>   | 54.48 +/- 7.67               | 99.93 +/- 0.14   | 99.82 +/- 0.43   | 98.96 +/- 1.59   |
| <i>RECQL4</i>   | 54.49 +/- 8.88               | 100.0 +/- 0.0    | 99.91 +/- 0.38   | 98.31 +/- 5.6    |
| <i>RELN</i>     | 55.84 +/- 7.53               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.42 +/- 1.58   |
| <i>RERE</i>     | 50.1 +/- 7.49                | 99.94 +/- 0.25   | 98.68 +/- 1.67   | 94.02 +/- 6.31   |
| <i>REV3L</i>    | 54.27 +/- 7.74               | 100.0 +/- 0.0    | 99.9 +/- 0.46    | 98.72 +/- 2.04   |
| <i>RFC4</i>     | 54.35 +/- 8.38               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.23 +/- 1.79   |
| <i>RFT1</i>     | 52.22 +/- 8.12               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.85 +/- 3.38   |
| <i>RFX3</i>     | 55.33 +/- 7.48               | 100.0 +/- 0.0    | 99.91 +/- 0.22   | 99.11 +/- 1.1    |
| <i>RFX4</i>     | 53.22 +/- 7.89               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.78 +/- 2.67   |
| <i>RFX7</i>     | 53.09 +/- 7.64               | 99.99 +/- 0.05   | 99.62 +/- 0.67   | 97.42 +/- 2.78   |

| Gen                        | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------------------|------------------------------|------------------|------------------|------------------|
| <i>RHEB</i>                | 53.21 +/- 7.69               | 100.0 +/- 0.0    | 99.92 +/- 0.44   | 98.38 +/- 5.73   |
| <i>RHOBTB2</i>             | 49.23 +/- 8.09               | 100.0 +/- 0.0    | 99.94 +/- 0.37   | 97.6 +/- 6.31    |
| <i>RIC1</i>                | 54.2 +/- 7.65                | 100.0 +/- 0.0    | 99.92 +/- 0.33   | 98.86 +/- 1.93   |
| <i>RICTOR</i>              | 55.14 +/- 7.53               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.52 +/- 1.07   |
| <i>RIMS2</i>               | 55.06 +/- 7.33               | 100.0 +/- 0.0    | 99.88 +/- 0.6    | 98.98 +/- 1.77   |
| <i>RIT1</i>                | 53.38 +/- 7.23               | 100.0 +/- 0.0    | 99.97 +/- 0.09   | 99.0 +/- 2.2     |
| <i>RLF</i>                 | 54.57 +/- 7.56               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.36 +/- 1.01   |
| <i>RLIM</i>                | 43.72 +/- 16.09              | 99.94 +/- 0.26   | 95.19 +/- 8.43   | 71.7 +/- 33.23   |
| <i>RMND1</i>               | 54.92 +/- 7.89               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.54 +/- 1.8    |
| <i>RMRP</i>                | 60.13 +/- 10.42              | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.53 +/- 2.4    |
| <i>RNASEH2A</i>            | 53.8 +/- 8.92                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.34 +/- 3.11   |
| <i>RNASEH2B</i>            | 53.33 +/- 7.21               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.92 +/- 3.59   |
| <i>RNASEH2C</i>            | 52.28 +/- 8.51               | 100.0 +/- 0.0    | 99.92 +/- 0.45   | 98.78 +/- 3.64   |
| <i>RNASET2</i>             | 52.09 +/- 8.34               | 100.0 +/- 0.0    | 99.88 +/- 0.31   | 97.74 +/- 3.77   |
| <i>RNF113A<sup>3</sup></i> | 41.61 +/- 16.66              | 100.0 +/- 0.0    | 91.65 +/- 15.97  | 65.16 +/- 40.66  |
| <i>RNF125</i>              | 55.36 +/- 7.38               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.35 +/- 2.33   |
| <i>RNF13</i>               | 56.79 +/- 8.2                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 1.29   |
| <i>RNF2</i>                | 55.69 +/- 7.18               | 100.0 +/- 0.0    | 99.95 +/- 0.26   | 99.36 +/- 1.27   |
| <i>RNF220</i>              | 50.97 +/- 9.18               | 100.0 +/- 0.0    | 99.91 +/- 0.38   | 98.22 +/- 4.89   |
| <i>RNPC3</i>               | 54.08 +/- 7.18               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 98.9 +/- 2.52    |
| <i>RNU12</i>               | 52.3 +/- 9.97                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.97 +/- 0.19   |
| <i>RNU2-2</i>              | 52.96 +/- 11.5               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.28 +/- 3.62   |
| <i>RNU4-2</i>              | 52.15 +/- 9.9                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.7 +/- 1.61    |
| <i>RNU4ATAC</i>            | 58.08 +/- 10.68              | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.88 +/- 0.8    |
| <i>RNU5B-1</i>             | 55.93 +/- 9.94               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 100.0 +/- 0.0    |
| <i>RNU7-1</i>              | 55.29 +/- 10.66              | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 100.0 +/- 0.0    |
| <i>ROBO1</i>               | 55.1 +/- 6.94                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.61 +/- 0.83   |
| <i>ROGDI</i>               | 49.72 +/- 9.04               | 100.0 +/- 0.0    | 99.92 +/- 0.39   | 96.17 +/- 9.95   |
| <i>ROR2</i>                | 53.88 +/- 7.85               | 99.97 +/- 0.05   | 99.93 +/- 0.19   | 98.7 +/- 4.19    |
| <i>RORA</i>                | 55.52 +/- 7.56               | 100.0 +/- 0.0    | 99.94 +/- 0.2    | 99.28 +/- 0.97   |
| <i>RORB</i>                | 53.86 +/- 7.65               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.43 +/- 1.63   |
| <i>RPGRIP1L</i>            | 54.65 +/- 7.42               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.66 +/- 0.88   |
| <i>RPH3A</i>               | 50.76 +/- 7.82               | 100.0 +/- 0.0    | 99.88 +/- 0.63   | 98.36 +/- 4.64   |
| <i>RPIA</i>                | 52.65 +/- 7.17               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.78 +/- 2.64   |
| <i>RPL10</i>               | 42.12 +/- 16.4               | 99.89 +/- 0.5    | 92.79 +/- 13.45  | 68.91 +/- 37.15  |
| <i>RPS19</i>               | 52.48 +/- 8.47               | 100.0 +/- 0.0    | 99.83 +/- 1.12   | 98.58 +/- 6.11   |
| <i>RPS6KA3</i>             | 43.46 +/- 16.35              | 99.83 +/- 0.37   | 94.54 +/- 8.88   | 70.62 +/- 33.96  |
| <i>RRAS2</i>               | 53.56 +/- 7.43               | 100.0 +/- 0.0    | 99.78 +/- 1.01   | 98.47 +/- 4.02   |
| <i>RRM2B</i>               | 55.03 +/- 7.65               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.53 +/- 1.04   |
| <i>RRP7A</i>               | 54.72 +/- 15.11              | 99.88 +/- 0.66   | 99.03 +/- 3.19   | 95.49 +/- 7.42   |
| <i>RSPRY1</i>              | 54.9 +/- 8.09                | 100.0 +/- 0.01   | 99.98 +/- 0.08   | 99.42 +/- 1.43   |
| <i>RSRC1</i>               | 54.61 +/- 7.43               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.36 +/- 1.75   |
| <i>RTEL1</i>               | 52.84 +/- 8.99               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.89 +/- 3.71   |
| <i>RTN4IP1</i>             | 53.39 +/- 8.09               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.08 +/- 2.82   |
| <i>RTTN</i>                | 55.51 +/- 7.61               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.29 +/- 1.69   |
| <i>RUBCN</i>               | 52.53 +/- 7.86               | 100.0 +/- 0.0    | 99.92 +/- 0.33   | 98.34 +/- 4.35   |



| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>RUNX1T1</i>  | 51.88 +/- 7.73               | 100.0 +/- 0.02   | 99.87 +/- 0.29   | 97.88 +/- 2.49   |
| <i>RUSC2</i>    | 52.38 +/- 8.76               | 99.99 +/- 0.05   | 99.94 +/- 0.24   | 98.14 +/- 6.37   |
| <i>RXYLT1</i>   | 55.97 +/- 7.84               | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.8 +/- 2.54    |
| <i>RYBP</i>     | 55.79 +/- 7.67               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.62 +/- 1.21   |
| <i>SALL1</i>    | 52.18 +/- 8.0                | 100.0 +/- 0.0    | 99.9 +/- 0.29    | 98.14 +/- 4.76   |
| <i>SAMD9</i>    | 54.36 +/- 7.32               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.4 +/- 1.64    |
| <i>SAMHD1</i>   | 53.4 +/- 7.7                 | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.47 +/- 1.14   |
| <i>SARS1</i>    | 52.58 +/- 8.36               | 100.0 +/- 0.0    | 99.94 +/- 0.43   | 98.72 +/- 4.02   |
| <i>SART3</i>    | 53.64 +/- 7.54               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.28 +/- 1.73   |
| <i>SATB1</i>    | 52.4 +/- 7.14                | 100.0 +/- 0.0    | 99.93 +/- 0.23   | 97.54 +/- 3.51   |
| <i>SATB2</i>    | 52.5 +/- 7.69                | 100.0 +/- 0.0    | 99.77 +/- 0.51   | 97.07 +/- 3.25   |
| <i>SBDS</i>     | 53.48 +/- 7.44               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.52 +/- 1.86   |
| <i>SC5D</i>     | 54.6 +/- 7.97                | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.29 +/- 1.45   |
| <i>SCAF4</i>    | 53.15 +/- 7.44               | 100.0 +/- 0.0    | 99.93 +/- 0.23   | 97.95 +/- 3.91   |
| <i>SCAMP5</i>   | 46.85 +/- 9.13               | 100.0 +/- 0.0    | 99.6 +/- 1.0     | 94.46 +/- 9.27   |
| <i>SCAPER</i>   | 55.09 +/- 7.32               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.55 +/- 0.84   |
| <i>SCN1A</i>    | 54.78 +/- 7.63               | 100.0 +/- 0.01   | 99.99 +/- 0.03   | 99.48 +/- 1.2    |
| <i>SCN1B</i>    | 45.33 +/- 7.64               | 99.9 +/- 0.64    | 98.74 +/- 4.7    | 90.01 +/- 13.8   |
| <i>SCN2A</i>    | 55.66 +/- 7.4                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.54 +/- 1.3    |
| <i>SCN3A</i>    | 54.43 +/- 7.79               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.34 +/- 1.59   |
| <i>SCN8A</i>    | 53.15 +/- 7.81               | 99.99 +/- 0.04   | 99.82 +/- 0.25   | 98.45 +/- 2.45   |
| <i>SCO1</i>     | 54.33 +/- 7.15               | 99.99 +/- 0.03   | 99.92 +/- 0.15   | 98.99 +/- 1.61   |
| <i>SCO2</i>     | 51.71 +/- 8.16               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.51 +/- 4.1    |
| <i>SCUBE3</i>   | 52.11 +/- 7.93               | 99.98 +/- 0.04   | 99.81 +/- 0.81   | 98.11 +/- 5.14   |
| <i>SCYL1</i>    | 50.53 +/- 8.89               | 100.0 +/- 0.0    | 99.49 +/- 2.22   | 95.46 +/- 9.31   |
| <i>SCYL2</i>    | 54.54 +/- 7.41               | 100.0 +/- 0.0    | 99.87 +/- 0.74   | 98.97 +/- 2.19   |
| <i>SDCCAG8</i>  | 55.16 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.53 +/- 1.56   |
| <i>SDHA</i>     | 54.85 +/- 7.73               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 99.11 +/- 2.34   |
| <i>SDHAF1</i>   | 53.24 +/- 9.14               | 100.0 +/- 0.0    | 99.88 +/- 0.83   | 98.53 +/- 4.56   |
| <i>SEC31A</i>   | 55.81 +/- 8.1                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.68 +/- 0.89   |
| <i>SECISBP2</i> | 55.53 +/- 7.63               | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 99.24 +/- 2.03   |
| <i>SEMA3E</i>   | 55.04 +/- 7.31               | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 99.29 +/- 1.56   |
| <i>SEMA6B</i>   | 48.04 +/- 8.34               | 100.0 +/- 0.0    | 99.51 +/- 1.83   | 94.27 +/- 10.83  |
| <i>SEPHS1</i>   | 52.48 +/- 7.1                | 99.87 +/- 0.59   | 98.27 +/- 2.76   | 94.67 +/- 4.07   |
| <i>SEPSECS</i>  | 56.23 +/- 7.66               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.64 +/- 1.06   |
| <i>SERAC1</i>   | 54.64 +/- 8.06               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 99.04 +/- 2.6    |
| <i>SET</i>      | 61.06 +/- 12.04              | 99.9 +/- 0.58    | 98.17 +/- 3.14   | 93.17 +/- 5.03   |
| <i>SETBP1</i>   | 52.31 +/- 7.38               | 99.99 +/- 0.07   | 99.77 +/- 0.39   | 97.94 +/- 3.5    |
| <i>SETD1A</i>   | 50.48 +/- 8.32               | 100.0 +/- 0.0    | 99.63 +/- 1.36   | 96.36 +/- 7.09   |
| <i>SETD1B</i>   | 48.36 +/- 7.83               | 99.95 +/- 0.15   | 98.48 +/- 1.3    | 93.54 +/- 7.75   |
| <i>SETD2</i>    | 53.65 +/- 7.92               | 99.93 +/- 0.05   | 99.88 +/- 0.11   | 98.81 +/- 2.43   |
| <i>SETD5</i>    | 52.26 +/- 7.48               | 99.98 +/- 0.12   | 99.55 +/- 0.57   | 96.94 +/- 2.95   |
| <i>SFXN4</i>    | 52.04 +/- 8.06               | 100.0 +/- 0.0    | 99.96 +/- 0.2    | 98.2 +/- 3.75    |
| <i>SGPL1</i>    | 53.7 +/- 7.8                 | 100.0 +/- 0.0    | 99.86 +/- 0.55   | 98.4 +/- 3.17    |
| <i>SGSH</i>     | 52.42 +/- 8.24               | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 98.45 +/- 4.85   |
| <i>SGSM3</i>    | 52.95 +/- 8.92               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 98.7 +/- 4.85    |
| <i>SHANK1</i>   | 41.69 +/- 7.38               | 99.75 +/- 0.46   | 95.79 +/- 5.43   | 81.39 +/- 14.28  |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>SHANK2</i>   | 53.89 +/- 7.82               | 100.0 +/- 0.01   | 99.93 +/- 0.38   | 98.85 +/- 3.42   |
| <i>SHANK3</i>   | 49.97 +/- 9.12               | 99.78 +/- 0.31   | 96.57 +/- 3.3    | 90.51 +/- 7.96   |
| <i>SHH</i>      | 52.28 +/- 7.51               | 100.0 +/- 0.01   | 99.87 +/- 0.67   | 97.84 +/- 4.67   |
| <i>SHMT2</i>    | 52.64 +/- 8.92               | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 98.84 +/- 3.39   |
| <i>SHOC2</i>    | 54.91 +/- 7.5                | 100.0 +/- 0.0    | 99.92 +/- 0.29   | 99.21 +/- 0.87   |
| <i>SHQ1</i>     | 54.75 +/- 7.39               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.14   |
| <i>SHROOM4</i>  | 41.54 +/- 15.66              | 99.81 +/- 0.69   | 93.43 +/- 11.04  | 67.71 +/- 37.34  |
| <i>SIAH1</i>    | 54.14 +/- 7.9                | 100.0 +/- 0.0    | 99.6 +/- 1.12    | 97.18 +/- 4.91   |
| <i>SIK1</i>     | 54.81 +/- 11.99              | 99.99 +/- 0.03   | 99.71 +/- 0.79   | 97.52 +/- 4.93   |
| <i>SIL1</i>     | 51.94 +/- 8.51               | 100.0 +/- 0.0    | 99.88 +/- 0.57   | 98.73 +/- 4.0    |
| <i>SIN3A</i>    | 53.21 +/- 7.38               | 100.0 +/- 0.0    | 99.88 +/- 0.28   | 98.33 +/- 2.78   |
| <i>SIN3B</i>    | 54.02 +/- 8.58               | 100.0 +/- 0.0    | 99.9 +/- 0.49    | 98.6 +/- 4.95    |
| <i>SIX3</i>     | 48.35 +/- 7.1                | 99.99 +/- 0.03   | 99.58 +/- 1.35   | 93.85 +/- 10.24  |
| <i>SKI</i>      | 47.31 +/- 7.72               | 98.55 +/- 1.61   | 94.04 +/- 3.26   | 86.29 +/- 7.47   |
| <i>SKIC3</i>    | 55.22 +/- 7.31               | 100.0 +/- 0.0    | 99.95 +/- 0.34   | 99.46 +/- 1.5    |
| <i>SLC12A2</i>  | 55.23 +/- 7.36               | 100.0 +/- 0.0    | 99.93 +/- 0.3    | 99.16 +/- 1.57   |
| <i>SLC12A5</i>  | 50.92 +/- 8.49               | 100.0 +/- 0.0    | 99.86 +/- 0.61   | 97.14 +/- 7.41   |
| <i>SLC12A6</i>  | 53.29 +/- 7.53               | 100.0 +/- 0.03   | 99.99 +/- 0.04   | 98.86 +/- 2.22   |
| <i>SLC12A9</i>  | 48.97 +/- 8.0                | 100.0 +/- 0.0    | 99.93 +/- 0.26   | 96.57 +/- 7.36   |
| <i>SLC13A5</i>  | 52.09 +/- 8.7                | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 98.8 +/- 3.98    |
| <i>SLC16A2</i>  | 39.8 +/- 14.92               | 99.81 +/- 1.08   | 91.57 +/- 13.87  | 65.85 +/- 38.94  |
| <i>SLC17A5</i>  | 54.45 +/- 7.94               | 100.0 +/- 0.0    | 99.91 +/- 0.41   | 98.91 +/- 1.97   |
| <i>SLC18A2</i>  | 55.04 +/- 7.75               | 100.0 +/- 0.03   | 99.97 +/- 0.14   | 98.96 +/- 2.2    |
| <i>SLC19A3</i>  | 52.99 +/- 8.04               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 99.24 +/- 2.44   |
| <i>SLC1A1</i>   | 52.86 +/- 8.09               | 100.0 +/- 0.0    | 99.97 +/- 0.14   | 98.8 +/- 3.16    |
| <i>SLC1A2</i>   | 54.99 +/- 7.79               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.29 +/- 2.0    |
| <i>SLC1A4</i>   | 54.8 +/- 8.22                | 100.0 +/- 0.0    | 99.89 +/- 0.59   | 99.03 +/- 3.3    |
| <i>SLC25A1</i>  | 49.76 +/- 9.46               | 100.0 +/- 0.03   | 99.4 +/- 2.88    | 95.92 +/- 8.77   |
| <i>SLC25A12</i> | 55.16 +/- 7.92               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.43 +/- 1.28   |
| <i>SLC25A15</i> | 54.22 +/- 8.02               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.36 +/- 2.3    |
| <i>SLC25A22</i> | 52.27 +/- 9.29               | 100.0 +/- 0.0    | 99.79 +/- 0.69   | 97.55 +/- 5.61   |
| <i>SLC25A24</i> | 54.12 +/- 7.15               | 99.99 +/- 0.04   | 99.88 +/- 0.45   | 98.86 +/- 2.12   |
| <i>SLC25A42</i> | 51.58 +/- 9.08               | 100.0 +/- 0.0    | 99.94 +/- 0.28   | 97.74 +/- 7.79   |
| <i>SLC2A1</i>   | 51.73 +/- 8.42               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.8 +/- 2.86    |
| <i>SLC30A9</i>  | 55.09 +/- 7.5                | 100.0 +/- 0.0    | 99.99 +/- 0.07   | 99.47 +/- 1.07   |
| <i>SLC31A1</i>  | 55.63 +/- 8.11               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.52 +/- 1.81   |
| <i>SLC32A1</i>  | 51.55 +/- 8.06               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.02 +/- 4.23   |
| <i>SLC33A1</i>  | 52.9 +/- 7.75                | 100.0 +/- 0.0    | 99.94 +/- 0.14   | 98.0 +/- 3.25    |
| <i>SLC35A1</i>  | 55.19 +/- 7.67               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.55 +/- 1.2    |
| <i>SLC35A2</i>  | 40.93 +/- 16.01              | 99.86 +/- 0.82   | 92.55 +/- 13.29  | 66.68 +/- 40.05  |
| <i>SLC35A3</i>  | 54.74 +/- 7.64               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.2 +/- 1.68    |
| <i>SLC35B2</i>  | 52.29 +/- 8.43               | 100.0 +/- 0.0    | 99.83 +/- 0.81   | 98.37 +/- 5.02   |
| <i>SLC35C1</i>  | 50.94 +/- 8.52               | 99.98 +/- 0.16   | 99.51 +/- 1.12   | 95.7 +/- 8.39    |
| <i>SLC38A3</i>  | 49.01 +/- 8.75               | 99.99 +/- 0.04   | 99.8 +/- 0.54    | 96.12 +/- 7.63   |
| <i>SLC39A14</i> | 52.9 +/- 8.08                | 99.99 +/- 0.03   | 99.99 +/- 0.03   | 99.08 +/- 2.91   |
| <i>SLC39A8</i>  | 55.07 +/- 8.13               | 100.0 +/- 0.0    | 99.96 +/- 0.17   | 99.0 +/- 2.48    |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>SLC45A1</i>  | 50.49 +/- 8.02               | 100.0 +/- 0.0    | 99.9 +/- 0.48    | 97.1 +/- 6.68    |
| <i>SLC46A1</i>  | 51.65 +/- 8.19               | 100.0 +/- 0.0    | 99.94 +/- 0.42   | 98.73 +/- 4.1    |
| <i>SLC4A10</i>  | 56.05 +/- 7.46               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.67 +/- 0.63   |
| <i>SLC4A4</i>   | 54.85 +/- 7.79               | 99.94 +/- 0.13   | 99.91 +/- 0.16   | 99.29 +/- 0.96   |
| <i>SLC5A6</i>   | 50.73 +/- 8.62               | 100.0 +/- 0.0    | 99.81 +/- 1.04   | 97.77 +/- 6.08   |
| <i>SLC5A7</i>   | 55.82 +/- 7.66               | 100.0 +/- 0.0    | 99.96 +/- 0.23   | 99.0 +/- 2.04    |
| <i>SLC6A1</i>   | 50.7 +/- 7.79                | 100.0 +/- 0.0    | 99.93 +/- 0.27   | 98.2 +/- 5.06    |
| <i>SLC6A17</i>  | 48.61 +/- 8.63               | 100.0 +/- 0.0    | 99.62 +/- 1.36   | 95.67 +/- 7.57   |
| <i>SLC6A19</i>  | 57.93 +/- 8.91               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.18 +/- 2.03   |
| <i>SLC6A3</i>   | 52.51 +/- 8.38               | 100.0 +/- 0.0    | 99.92 +/- 0.42   | 98.04 +/- 5.18   |
| <i>SLC6A8</i>   | 36.72 +/- 14.66              | 97.28 +/- 5.82   | 82.63 +/- 20.92  | 57.59 +/- 37.87  |
| <i>SLC6A9</i>   | 51.13 +/- 8.67               | 100.0 +/- 0.0    | 99.86 +/- 0.95   | 98.45 +/- 4.94   |
| <i>SLC7A7</i>   | 52.7 +/- 8.37                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.13 +/- 2.96   |
| <i>SLC9A6</i>   | 43.48 +/- 15.85              | 100.0 +/- 0.01   | 95.4 +/- 8.11    | 71.99 +/- 33.03  |
| <i>SLC9A7</i>   | 42.96 +/- 16.18              | 99.88 +/- 0.48   | 94.28 +/- 10.85  | 70.34 +/- 34.86  |
| <i>SLF2</i>     | 54.31 +/- 7.88               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.37 +/- 1.86   |
| <i>SLITRK2</i>  | 41.81 +/- 15.22              | 99.87 +/- 0.53   | 94.06 +/- 9.43   | 69.54 +/- 34.52  |
| <i>SMAD4</i>    | 54.53 +/- 7.61               | 99.99 +/- 0.03   | 99.8 +/- 0.66    | 98.74 +/- 2.31   |
| <i>SMARCA1</i>  | 42.33 +/- 15.8               | 99.9 +/- 0.41    | 93.66 +/- 9.32   | 68.88 +/- 35.26  |
| <i>SMARCA2</i>  | 54.21 +/- 8.21               | 100.0 +/- 0.0    | 99.97 +/- 0.2    | 99.15 +/- 2.54   |
| <i>SMARCA4</i>  | 53.27 +/- 8.22               | 99.98 +/- 0.11   | 99.77 +/- 0.87   | 97.8 +/- 6.05    |
| <i>SMARCA5</i>  | 54.78 +/- 7.35               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.51 +/- 1.28   |
| <i>SMARCB1</i>  | 52.13 +/- 9.19               | 99.99 +/- 0.07   | 99.58 +/- 0.74   | 97.54 +/- 4.35   |
| <i>SMARCC2</i>  | 52.29 +/- 7.99               | 100.0 +/- 0.0    | 99.9 +/- 0.45    | 98.14 +/- 4.9    |
| <i>SMARCD1</i>  | 49.99 +/- 8.57               | 100.0 +/- 0.0    | 99.72 +/- 1.19   | 96.41 +/- 7.41   |
| <i>SMARCE1</i>  | 55.14 +/- 7.79               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.5 +/- 1.36    |
| <i>SMC1A</i>    | 41.05 +/- 15.95              | 99.84 +/- 0.83   | 92.32 +/- 13.46  | 66.34 +/- 38.2   |
| <i>SMC3</i>     | 55.91 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.72 +/- 0.77   |
| <i>SMC5</i>     | 55.15 +/- 7.08               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.7 +/- 0.6     |
| <i>SMG8</i>     | 52.19 +/- 7.95               | 100.0 +/- 0.0    | 99.95 +/- 0.31   | 99.14 +/- 2.18   |
| <i>SMG9</i>     | 52.15 +/- 8.53               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.36 +/- 5.2    |
| <i>SMOC1</i>    | 50.98 +/- 8.5                | 100.0 +/- 0.0    | 99.83 +/- 0.78   | 97.5 +/- 6.52    |
| <i>SMPD1</i>    | 51.77 +/- 8.45               | 99.99 +/- 0.05   | 99.6 +/- 2.02    | 97.14 +/- 8.99   |
| <i>SMPD4</i>    | 51.71 +/- 8.32               | 100.0 +/- 0.0    | 99.88 +/- 0.58   | 98.0 +/- 4.18    |
| <i>SMS</i>      | 41.86 +/- 15.47              | 99.86 +/- 0.7    | 93.02 +/- 11.71  | 68.56 +/- 36.03  |
| <i>SNAP25</i>   | 54.6 +/- 7.87                | 100.0 +/- 0.0    | 99.94 +/- 0.42   | 99.24 +/- 2.55   |
| <i>SNAP29</i>   | 53.72 +/- 7.97               | 99.97 +/- 0.07   | 99.87 +/- 0.35   | 98.54 +/- 3.76   |
| <i>SNAPC4</i>   | 52.79 +/- 8.58               | 100.0 +/- 0.02   | 99.93 +/- 0.43   | 98.37 +/- 5.38   |
| <i>SNF8</i>     | 52.96 +/- 7.21               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.07 +/- 1.92   |
| <i>SNIP1</i>    | 53.39 +/- 7.51               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.16 +/- 2.12   |
| <i>SNORD118</i> | 60.1 +/- 9.92                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 100.0 +/- 0.0    |
| <i>SNRPB</i>    | 52.37 +/- 7.75               | 100.0 +/- 0.0    | 99.8 +/- 1.31    | 97.81 +/- 4.22   |
| <i>SNRPN</i>    | 55.61 +/- 7.8                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.53 +/- 2.21   |
| <i>SNX14</i>    | 55.65 +/- 7.31               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.57 +/- 1.12   |
| <i>SNX27</i>    | 52.07 +/- 7.77               | 99.99 +/- 0.03   | 99.92 +/- 0.29   | 98.3 +/- 4.32    |
| <i>SOBP</i>     | 50.65 +/- 8.06               | 100.0 +/- 0.0    | 99.45 +/- 1.93   | 95.44 +/- 7.33   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>SON</i>     | 54.11 +/- 8.02               | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 99.27 +/- 2.21   |
| <i>SOS1</i>    | 53.84 +/- 7.54               | 100.0 +/- 0.0    | 99.69 +/- 0.98   | 97.96 +/- 3.04   |
| <i>SOS2</i>    | 54.73 +/- 7.38               | 99.99 +/- 0.04   | 99.78 +/- 0.76   | 98.52 +/- 2.17   |
| <i>SOX10</i>   | 49.56 +/- 8.73               | 100.0 +/- 0.0    | 99.73 +/- 0.95   | 95.51 +/- 7.56   |
| <i>SOX11</i>   | 50.59 +/- 7.32               | 99.98 +/- 0.04   | 99.47 +/- 1.41   | 94.82 +/- 6.56   |
| <i>SOX2</i>    | 48.55 +/- 6.94               | 100.0 +/- 0.0    | 99.81 +/- 0.54   | 95.32 +/- 7.31   |
| <i>SOX3</i>    | 37.79 +/- 14.98              | 98.82 +/- 5.4    | 85.66 +/- 21.15  | 60.83 +/- 40.37  |
| <i>SOX4</i>    | 48.61 +/- 7.12               | 100.0 +/- 0.03   | 99.62 +/- 1.64   | 94.92 +/- 9.77   |
| <i>SOX5</i>    | 55.23 +/- 7.37               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.29 +/- 2.05   |
| <i>SOX6</i>    | 55.46 +/- 8.07               | 100.0 +/- 0.01   | 99.96 +/- 0.07   | 99.26 +/- 1.95   |
| <i>SP9</i>     | 51.97 +/- 8.46               | 100.0 +/- 0.0    | 99.92 +/- 0.35   | 97.13 +/- 6.94   |
| <i>SPART</i>   | 54.81 +/- 7.63               | 99.99 +/- 0.03   | 99.91 +/- 0.27   | 99.09 +/- 1.96   |
| <i>SPAST</i>   | 53.37 +/- 6.62               | 100.0 +/- 0.0    | 99.87 +/- 0.39   | 98.11 +/- 2.89   |
| <i>SPECC1L</i> | 54.65 +/- 7.94               | 100.0 +/- 0.0    | 99.97 +/- 0.14   | 99.35 +/- 2.79   |
| <i>SPEN</i>    | 51.07 +/- 7.75               | 100.0 +/- 0.0    | 99.8 +/- 0.7     | 97.82 +/- 4.47   |
| <i>SPG11</i>   | 54.86 +/- 7.79               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.49 +/- 1.56   |
| <i>SPOCK1</i>  | 53.67 +/- 7.51               | 99.98 +/- 0.04   | 99.98 +/- 0.04   | 99.31 +/- 1.55   |
| <i>SPOP</i>    | 53.48 +/- 8.42               | 100.0 +/- 0.0    | 99.96 +/- 0.24   | 98.34 +/- 3.19   |
| <i>SPOUT1</i>  | 49.51 +/- 9.36               | 100.0 +/- 0.0    | 99.84 +/- 1.06   | 97.35 +/- 7.19   |
| <i>SPR</i>     | 51.36 +/- 8.93               | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.32 +/- 4.99   |
| <i>SPRED1</i>  | 54.98 +/- 7.33               | 100.0 +/- 0.0    | 99.95 +/- 0.23   | 99.04 +/- 1.38   |
| <i>SPRED2</i>  | 53.17 +/- 7.71               | 99.99 +/- 0.09   | 99.81 +/- 0.74   | 97.61 +/- 4.14   |
| <i>SPTAN1</i>  | 52.82 +/- 7.92               | 100.0 +/- 0.0    | 99.94 +/- 0.21   | 98.73 +/- 2.99   |
| <i>SPTBN1</i>  | 53.78 +/- 7.59               | 100.0 +/- 0.0    | 99.92 +/- 0.38   | 98.84 +/- 2.93   |
| <i>SPTBN2</i>  | 52.19 +/- 8.11               | 100.0 +/- 0.0    | 99.87 +/- 0.57   | 97.91 +/- 4.8    |
| <i>SPTBN4</i>  | 51.01 +/- 8.1                | 100.0 +/- 0.0    | 99.88 +/- 0.45   | 97.11 +/- 6.92   |
| <i>SRCAP</i>   | 50.57 +/- 8.06               | 100.0 +/- 0.0    | 99.95 +/- 0.31   | 97.99 +/- 5.68   |
| <i>SRD5A3</i>  | 54.39 +/- 7.94               | 99.99 +/- 0.04   | 99.92 +/- 0.42   | 99.21 +/- 1.59   |
| <i>SRP54</i>   | 55.95 +/- 8.17               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.66 +/- 1.37   |
| <i>SRPK3</i>   | 43.08 +/- 16.63              | 99.94 +/- 0.25   | 93.06 +/- 14.44  | 70.51 +/- 36.29  |
| <i>SRPX2</i>   | 41.12 +/- 15.66              | 99.87 +/- 0.48   | 92.39 +/- 12.05  | 67.28 +/- 37.46  |
| <i>SRRM2</i>   | 50.57 +/- 7.96               | 100.0 +/- 0.0    | 99.86 +/- 0.42   | 97.8 +/- 4.97    |
| <i>SRSF1</i>   | 55.27 +/- 7.99               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.57 +/- 1.05   |
| <i>SSR4</i>    | 40.45 +/- 15.7               | 99.92 +/- 0.57   | 89.75 +/- 17.6   | 67.45 +/- 39.54  |
| <i>ST3GAL3</i> | 52.92 +/- 8.78               | 100.0 +/- 0.0    | 99.92 +/- 0.55   | 98.5 +/- 4.52    |
| <i>ST3GAL5</i> | 54.53 +/- 7.85               | 100.0 +/- 0.0    | 99.93 +/- 0.29   | 98.82 +/- 2.96   |
| <i>STAG1</i>   | 55.54 +/- 7.44               | 99.91 +/- 0.03   | 99.87 +/- 0.14   | 98.76 +/- 1.53   |
| <i>STAG2</i>   | 42.95 +/- 15.66              | 99.88 +/- 0.35   | 94.43 +/- 8.67   | 70.61 +/- 33.52  |
| <i>STAMBP</i>  | 52.71 +/- 8.01               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.65 +/- 3.91   |
| <i>STEEP1</i>  | 41.14 +/- 15.78              | 99.68 +/- 0.89   | 91.89 +/- 12.35  | 67.3 +/- 38.05   |
| <i>STIL</i>    | 55.18 +/- 7.89               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.41 +/- 1.88   |
| <i>STRA6</i>   | 49.84 +/- 8.46               | 100.0 +/- 0.0    | 99.91 +/- 0.57   | 97.75 +/- 8.12   |
| <i>STRADA</i>  | 50.99 +/- 8.33               | 100.0 +/- 0.0    | 99.96 +/- 0.27   | 98.3 +/- 4.36    |
| <i>STT3A</i>   | 54.09 +/- 7.54               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.43 +/- 1.41   |
| <i>STT3B</i>   | 54.0 +/- 7.34                | 100.0 +/- 0.0    | 99.91 +/- 0.38   | 98.41 +/- 2.68   |
| <i>STX1A</i>   | 48.44 +/- 8.93               | 100.0 +/- 0.0    | 99.86 +/- 0.74   | 96.1 +/- 9.28    |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>STX1B</i>   | 48.78 +/- 8.27               | 99.96 +/- 0.1    | 99.0 +/- 1.85    | 93.39 +/- 8.38   |
| <i>STXBP1</i>  | 53.0 +/- 8.19                | 100.0 +/- 0.0    | 99.88 +/- 0.59   | 98.48 +/- 3.31   |
| <i>SUCLA2</i>  | 57.42 +/- 7.89               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.97 +/- 0.14   |
| <i>SUCLG1</i>  | 54.64 +/- 7.65               | 100.0 +/- 0.0    | 99.95 +/- 0.36   | 99.03 +/- 2.68   |
| <i>SUFU</i>    | 50.71 +/- 7.85               | 100.0 +/- 0.0    | 99.95 +/- 0.28   | 97.89 +/- 4.64   |
| <i>SUMF1</i>   | 55.13 +/- 8.04               | 99.96 +/- 0.08   | 99.83 +/- 0.86   | 99.09 +/- 3.01   |
| <i>SUOX</i>    | 50.76 +/- 8.81               | 100.0 +/- 0.0    | 99.92 +/- 0.54   | 98.75 +/- 4.78   |
| <i>SUPT16H</i> | 54.91 +/- 7.52               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 99.39 +/- 1.98   |
| <i>SURF1</i>   | 51.24 +/- 8.42               | 100.0 +/- 0.0    | 99.78 +/- 1.21   | 97.56 +/- 4.81   |
| <i>SUZ12</i>   | 52.62 +/- 7.14               | 100.0 +/- 0.0    | 99.94 +/- 0.2    | 98.13 +/- 3.01   |
| <i>SVBP</i>    | 49.23 +/- 7.34               | 100.0 +/- 0.0    | 99.91 +/- 0.47   | 96.33 +/- 7.03   |
| <i>SYN1</i>    | 37.51 +/- 14.61              | 99.76 +/- 1.22   | 86.88 +/- 20.54  | 61.1 +/- 42.03   |
| <i>SYNCRIP</i> | 54.37 +/- 7.69               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.45 +/- 1.55   |
| <i>SYNGAP1</i> | 45.04 +/- 7.84               | 99.96 +/- 0.2    | 98.69 +/- 2.07   | 89.72 +/- 9.85   |
| <i>SYNJ1</i>   | 55.48 +/- 7.85               | 100.0 +/- 0.0    | 99.94 +/- 0.29   | 99.45 +/- 2.03   |
| <i>SYP</i>     | 36.06 +/- 14.23              | 99.6 +/- 1.69    | 84.91 +/- 21.6   | 58.74 +/- 42.05  |
| <i>SYT1</i>    | 56.09 +/- 7.01               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.36 +/- 1.66   |
| <i>SZT2</i>    | 50.58 +/- 8.46               | 100.0 +/- 0.0    | 99.89 +/- 0.48   | 97.64 +/- 6.33   |
| <i>TACO1</i>   | 52.27 +/- 8.5                | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 98.77 +/- 4.38   |
| <i>TAF1</i>    | 41.54 +/- 15.94              | 99.86 +/- 0.34   | 92.95 +/- 10.88  | 66.92 +/- 37.31  |
| <i>TAF13</i>   | 51.54 +/- 6.7                | 100.0 +/- 0.0    | 99.64 +/- 0.99   | 97.12 +/- 3.56   |
| <i>TAF1C</i>   | 51.37 +/- 9.05               | 100.0 +/- 0.0    | 99.96 +/- 0.22   | 98.53 +/- 4.58   |
| <i>TAF2</i>    | 55.94 +/- 7.65               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.43 +/- 1.38   |
| <i>TAF4</i>    | 46.72 +/- 6.67               | 99.38 +/- 1.67   | 93.83 +/- 7.22   | 81.69 +/- 9.26   |
| <i>TAF6</i>    | 51.02 +/- 8.16               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 98.36 +/- 5.21   |
| <i>TAF8</i>    | 54.69 +/- 8.34               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.29 +/- 2.4    |
| <i>TANC2</i>   | 52.33 +/- 7.59               | 100.0 +/- 0.0    | 99.84 +/- 0.71   | 98.04 +/- 4.16   |
| <i>TANGO2</i>  | 53.93 +/- 8.6                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.97 +/- 3.83   |
| <i>TAOK1</i>   | 54.5 +/- 7.71                | 100.0 +/- 0.03   | 99.83 +/- 0.62   | 98.73 +/- 2.35   |
| <i>TAOK2</i>   | 51.5 +/- 8.7                 | 100.0 +/- 0.0    | 99.92 +/- 0.42   | 97.28 +/- 8.15   |
| <i>TARS2</i>   | 50.91 +/- 8.0                | 100.0 +/- 0.0    | 99.97 +/- 0.15   | 98.61 +/- 5.44   |
| <i>TASP1</i>   | 56.21 +/- 7.88               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.48 +/- 1.25   |
| <i>TAT</i>     | 54.37 +/- 7.7                | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.47 +/- 1.81   |
| <i>TBC1D20</i> | 51.15 +/- 8.36               | 100.0 +/- 0.0    | 99.86 +/- 0.53   | 97.98 +/- 3.51   |
| <i>TBC1D23</i> | 56.07 +/- 7.9                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.69 +/- 0.96   |
| <i>TBC1D24</i> | 54.38 +/- 8.59               | 100.0 +/- 0.0    | 99.93 +/- 0.29   | 98.65 +/- 3.4    |
| <i>TBC1D2B</i> | 53.26 +/- 7.79               | 100.0 +/- 0.0    | 99.77 +/- 0.97   | 98.36 +/- 4.15   |
| <i>TBC1D7</i>  | 53.91 +/- 7.57               | 100.0 +/- 0.0    | 99.98 +/- 0.16   | 99.06 +/- 2.0    |
| <i>TBCD</i>    | 53.05 +/- 8.19               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.82 +/- 3.42   |
| <i>TBCE</i>    | 55.02 +/- 8.35               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.46 +/- 1.54   |
| <i>TBCK</i>    | 54.96 +/- 7.72               | 100.0 +/- 0.01   | 99.99 +/- 0.06   | 99.48 +/- 1.11   |
| <i>TBL1XR1</i> | 55.07 +/- 7.2                | 99.99 +/- 0.05   | 99.69 +/- 0.81   | 98.12 +/- 1.9    |
| <i>TBP</i>     | 53.72 +/- 7.82               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.03 +/- 2.34   |
| <i>TBR1</i>    | 51.54 +/- 7.78               | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.5 +/- 5.13    |
| <i>TBX1</i>    | 44.42 +/- 8.42               | 100.0 +/- 0.0    | 97.39 +/- 7.75   | 87.45 +/- 18.6   |
| <i>TCEAL1</i>  | 42.95 +/- 15.79              | 99.96 +/- 0.22   | 94.54 +/- 11.36  | 70.37 +/- 35.23  |
| <i>TCF20</i>   | 50.17 +/- 7.75               | 99.93 +/- 0.42   | 99.21 +/- 1.64   | 95.81 +/- 5.37   |

| Gen             | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|-----------------|------------------------------|------------------|------------------|------------------|
| <i>TCF4</i>     | 55.45 +/- 7.28               | 99.99 +/- 0.03   | 99.9 +/- 0.32    | 98.98 +/- 1.24   |
| <i>TCF7L2</i>   | 48.59 +/- 7.07               | 99.95 +/- 0.23   | 98.62 +/- 2.08   | 91.4 +/- 7.02    |
| <i>TCN2</i>     | 51.49 +/- 8.58               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.04 +/- 5.7    |
| <i>TCP1</i>     | 56.57 +/- 7.66               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.39 +/- 1.79   |
| <i>TCTN2</i>    | 52.87 +/- 7.68               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 98.81 +/- 2.6    |
| <i>TCTN3</i>    | 52.45 +/- 8.27               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.78 +/- 3.22   |
| <i>TDP2</i>     | 54.25 +/- 7.57               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.44 +/- 1.86   |
| <i>TECPR2</i>   | 54.01 +/- 7.69               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.98 +/- 3.97   |
| <i>TECR</i>     | 52.37 +/- 8.79               | 100.0 +/- 0.01   | 99.86 +/- 0.95   | 98.18 +/- 6.06   |
| <i>TEFM</i>     | 56.53 +/- 8.55               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.93 +/- 0.25   |
| <i>TELO2</i>    | 53.01 +/- 8.82               | 100.0 +/- 0.0    | 99.88 +/- 0.52   | 97.86 +/- 5.85   |
| <i>TENM3</i>    | 56.29 +/- 7.51               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.55 +/- 1.52   |
| <i>TET3</i>     | 51.24 +/- 7.76               | 99.99 +/- 0.03   | 99.62 +/- 0.65   | 97.28 +/- 4.23   |
| <i>TFAP2A</i>   | 49.35 +/- 7.05               | 100.0 +/- 0.0    | 99.05 +/- 1.38   | 93.9 +/- 4.73    |
| <i>TFE3</i>     | 37.85 +/- 14.87              | 99.77 +/- 1.12   | 87.72 +/- 18.95  | 60.19 +/- 42.63  |
| <i>TGDS</i>     | 53.73 +/- 7.73               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.45 +/- 1.28   |
| <i>TGFBR1</i>   | 54.83 +/- 7.94               | 100.0 +/- 0.0    | 99.94 +/- 0.18   | 98.85 +/- 1.81   |
| <i>TGIF1</i>    | 54.78 +/- 8.14               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.51 +/- 1.07   |
| <i>TH</i>       | 51.01 +/- 10.11              | 100.0 +/- 0.0    | 99.89 +/- 0.46   | 96.76 +/- 9.46   |
| <i>THG1L</i>    | 53.52 +/- 7.41               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.42 +/- 1.35   |
| <i>THOC2</i>    | 43.51 +/- 16.03              | 99.91 +/- 0.44   | 95.36 +/- 8.83   | 71.74 +/- 33.26  |
| <i>THOC6</i>    | 52.03 +/- 8.58               | 99.97 +/- 0.05   | 99.9 +/- 0.31    | 97.35 +/- 7.71   |
| <i>THRB</i>     | 54.02 +/- 7.6                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.09 +/- 2.66   |
| <i>THUMPD1</i>  | 54.26 +/- 7.77               | 99.99 +/- 0.03   | 99.92 +/- 0.45   | 98.86 +/- 2.83   |
| <i>TIAM1</i>    | 54.47 +/- 7.55               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.34 +/- 2.44   |
| <i>TIMM50</i>   | 47.96 +/- 8.18               | 100.0 +/- 0.0    | 99.79 +/- 0.73   | 95.89 +/- 6.61   |
| <i>TIMM8A</i>   | 40.71 +/- 14.41              | 99.9 +/- 0.5     | 93.69 +/- 13.01  | 68.13 +/- 36.85  |
| <i>TINF2</i>    | 51.29 +/- 8.06               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 97.99 +/- 6.43   |
| <i>TKFC</i>     | 51.46 +/- 8.99               | 99.88 +/- 0.1    | 99.77 +/- 0.17   | 98.04 +/- 5.23   |
| <i>TKT</i>      | 51.42 +/- 8.36               | 99.97 +/- 0.09   | 99.92 +/- 0.2    | 97.98 +/- 5.77   |
| <i>TLK2</i>     | 52.69 +/- 7.32               | 100.0 +/- 0.0    | 99.75 +/- 0.8    | 96.82 +/- 3.35   |
| <i>TMCO1</i>    | 53.45 +/- 7.7                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.55 +/- 1.16   |
| <i>TMEM106B</i> | 55.21 +/- 7.37               | 99.44 +/- 1.05   | 99.36 +/- 1.03   | 98.25 +/- 1.52   |
| <i>TMEM107</i>  | 53.12 +/- 8.41               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 98.74 +/- 3.11   |
| <i>TMEM147</i>  | 53.04 +/- 9.12               | 100.0 +/- 0.0    | 99.83 +/- 1.1    | 98.22 +/- 7.12   |
| <i>TMEM163</i>  | 52.16 +/- 8.32               | 99.99 +/- 0.03   | 99.79 +/- 1.14   | 97.22 +/- 5.79   |
| <i>TMEM165</i>  | 54.73 +/- 7.48               | 99.98 +/- 0.04   | 99.96 +/- 0.15   | 98.24 +/- 3.61   |
| <i>TMEM184B</i> | 51.67 +/- 8.21               | 100.0 +/- 0.0    | 99.91 +/- 0.54   | 98.47 +/- 4.88   |
| <i>TMEM216</i>  | 51.73 +/- 9.05               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.86 +/- 2.76   |
| <i>TMEM218</i>  | 54.07 +/- 8.21               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.56 +/- 1.69   |
| <i>TMEM222</i>  | 50.32 +/- 9.2                | 100.0 +/- 0.0    | 99.93 +/- 0.44   | 97.28 +/- 8.41   |
| <i>TMEM231</i>  | 52.27 +/- 8.24               | 100.0 +/- 0.01   | 99.59 +/- 0.76   | 96.3 +/- 4.7     |
| <i>TMEM237</i>  | 54.62 +/- 7.76               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 99.43 +/- 1.88   |
| <i>TMEM240</i>  | 43.25 +/- 8.41               | 99.83 +/- 0.73   | 97.13 +/- 7.33   | 84.6 +/- 17.11   |
| <i>TMEM63A</i>  | 51.23 +/- 8.73               | 100.0 +/- 0.0    | 99.96 +/- 0.19   | 97.94 +/- 6.1    |
| <i>TMEM63B</i>  | 48.95 +/- 8.64               | 99.91 +/- 0.46   | 98.92 +/- 1.45   | 93.93 +/- 8.38   |
| <i>TMEM63C</i>  | 50.59 +/- 8.56               | 100.0 +/- 0.0    | 99.86 +/- 0.94   | 97.81 +/- 6.99   |

| Gen                        | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------------------|------------------------------|------------------|------------------|------------------|
| <i>TMEM67</i>              | 54.94 +/- 7.94               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.08 +/- 1.68   |
| <i>TMEM70</i>              | 55.07 +/- 8.4                | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 98.99 +/- 2.65   |
| <i>TMEM94</i>              | 52.1 +/- 8.45                | 100.0 +/- 0.0    | 99.93 +/- 0.49   | 98.09 +/- 6.06   |
| <i>TMLHE<sup>1,2</sup></i> | 15.07 +/- 5.88               | 34.24 +/- 3.78   | 30.18 +/- 4.18   | 22.54 +/- 10.77  |
| <i>TMTC3</i>               | 55.47 +/- 7.61               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.41 +/- 1.43   |
| <i>TMX2</i>                | 53.62 +/- 8.14               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.23 +/- 2.82   |
| <i>TNIK</i>                | 54.31 +/- 7.42               | 100.0 +/- 0.0    | 99.97 +/- 0.16   | 99.15 +/- 2.24   |
| <i>TNPO2</i>               | 49.42 +/- 8.41               | 100.0 +/- 0.0    | 99.54 +/- 1.2    | 96.44 +/- 6.66   |
| <i>TNR</i>                 | 51.95 +/- 8.03               | 100.0 +/- 0.0    | 99.85 +/- 0.27   | 98.46 +/- 3.4    |
| <i>TNRC6B</i>              | 53.56 +/- 7.74               | 100.0 +/- 0.0    | 99.98 +/- 0.07   | 99.03 +/- 2.18   |
| <i>TOE1</i>                | 49.3 +/- 8.19                | 100.0 +/- 0.0    | 99.89 +/- 0.72   | 98.96 +/- 3.73   |
| <i>TOGARAM1</i>            | 53.88 +/- 7.7                | 100.0 +/- 0.0    | 99.94 +/- 0.29   | 99.16 +/- 2.14   |
| <i>TOMM70</i>              | 55.92 +/- 7.61               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 99.42 +/- 1.32   |
| <i>TOR1A</i>               | 52.72 +/- 7.51               | 100.0 +/- 0.0    | 99.96 +/- 0.15   | 97.57 +/- 4.67   |
| <i>TP53RK</i>              | 56.03 +/- 7.95               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 99.52 +/- 1.77   |
| <i>TP73</i>                | 52.53 +/- 8.56               | 100.0 +/- 0.0    | 99.94 +/- 0.29   | 98.28 +/- 4.09   |
| <i>TPI1</i>                | 51.09 +/- 9.45               | 100.0 +/- 0.0    | 99.92 +/- 0.51   | 97.9 +/- 8.21    |
| <i>TPO</i>                 | 54.3 +/- 8.05                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.16 +/- 3.72   |
| <i>TPP1</i>                | 50.74 +/- 8.83               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.62 +/- 3.99   |
| <i>TPP2</i>                | 55.82 +/- 7.83               | 99.97 +/- 0.04   | 99.95 +/- 0.09   | 99.3 +/- 1.55    |
| <i>TPRKB</i>               | 54.1 +/- 7.82                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.44 +/- 1.7    |
| <i>TRA2B</i>               | 55.78 +/- 7.32               | 100.0 +/- 0.01   | 100.0 +/- 0.02   | 99.34 +/- 1.8    |
| <i>TRAF7</i>               | 51.77 +/- 8.82               | 100.0 +/- 0.0    | 99.82 +/- 0.56   | 97.11 +/- 5.5    |
| <i>TRAIP</i>               | 53.94 +/- 8.71               | 100.0 +/- 0.0    | 99.92 +/- 0.51   | 99.16 +/- 3.75   |
| <i>TRAK1</i>               | 52.99 +/- 8.3                | 99.99 +/- 0.03   | 99.97 +/- 0.12   | 98.74 +/- 4.23   |
| <i>TRAPPC11</i>            | 55.17 +/- 7.68               | 100.0 +/- 0.0    | 99.98 +/- 0.1    | 99.21 +/- 1.5    |
| <i>TRAPPC12</i>            | 57.16 +/- 8.91               | 100.0 +/- 0.0    | 99.92 +/- 0.57   | 99.02 +/- 3.58   |
| <i>TRAPPC2L</i>            | 53.87 +/- 8.24               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.49 +/- 1.93   |
| <i>TRAPPC4</i>             | 51.03 +/- 8.11               | 100.0 +/- 0.0    | 99.92 +/- 0.51   | 98.58 +/- 4.78   |
| <i>TRAPPC6B</i>            | 54.73 +/- 7.3                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.47 +/- 1.28   |
| <i>TRAPPC9</i>             | 51.92 +/- 7.83               | 100.0 +/- 0.0    | 99.95 +/- 0.2    | 98.12 +/- 4.36   |
| <i>TREX1</i>               | 51.23 +/- 9.75               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 97.72 +/- 6.99   |
| <i>TRIM32</i>              | 55.0 +/- 8.0                 | 100.0 +/- 0.0    | 99.83 +/- 0.45   | 98.45 +/- 2.54   |
| <i>TRIM8</i>               | 51.69 +/- 8.67               | 100.0 +/- 0.0    | 99.87 +/- 0.59   | 97.74 +/- 5.8    |
| <i>TRIO</i>                | 53.17 +/- 7.55               | 100.0 +/- 0.0    | 99.6 +/- 0.79    | 97.57 +/- 3.15   |
| <i>TRIP12</i>              | 54.83 +/- 7.29               | 99.98 +/- 0.11   | 99.85 +/- 0.33   | 98.88 +/- 1.23   |
| <i>TRIT1</i>               | 55.27 +/- 8.23               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.69 +/- 0.92   |
| <i>TRMT1</i>               | 49.04 +/- 7.83               | 100.0 +/- 0.0    | 99.96 +/- 0.18   | 97.65 +/- 6.13   |
| <i>TRMT10A</i>             | 55.83 +/- 7.39               | 100.0 +/- 0.0    | 99.98 +/- 0.15   | 99.52 +/- 1.36   |
| <i>TRMT5</i>               | 55.51 +/- 7.71               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.64 +/- 1.38   |
| <i>TRNT1</i>               | 56.47 +/- 7.62               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.75 +/- 0.55   |
| <i>TRPM3</i>               | 54.45 +/- 7.96               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.33 +/- 1.99   |
| <i>TRPM7</i>               | 55.13 +/- 7.45               | 100.0 +/- 0.01   | 99.98 +/- 0.06   | 99.48 +/- 0.96   |
| <i>TRRAP</i>               | 54.56 +/- 7.66               | 100.0 +/- 0.01   | 99.88 +/- 0.23   | 98.6 +/- 2.94    |
| <i>TSC1</i>                | 54.3 +/- 7.8                 | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 99.26 +/- 2.15   |
| <i>TSC2</i>                | 54.73 +/- 8.8                | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 98.65 +/- 5.08   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>TSEN15</i>  | 55.58 +/- 7.66               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.59 +/- 1.18   |
| <i>TSEN2</i>   | 54.0 +/- 7.66                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.49 +/- 1.16   |
| <i>TSEN54</i>  | 49.17 +/- 8.28               | 100.0 +/- 0.0    | 99.78 +/- 1.19   | 97.5 +/- 6.82    |
| <i>TSFM</i>    | 54.37 +/- 8.59               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.25 +/- 1.86   |
| <i>TSHB</i>    | 55.95 +/- 8.73               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.74 +/- 1.15   |
| <i>TSPAN7</i>  | 43.16 +/- 15.99              | 99.93 +/- 0.36   | 94.95 +/- 9.05   | 71.39 +/- 34.28  |
| <i>TSPOAP1</i> | 50.67 +/- 8.61               | 100.0 +/- 0.0    | 99.9 +/- 0.46    | 97.37 +/- 6.16   |
| <i>TTC19</i>   | 53.28 +/- 7.76               | 100.0 +/- 0.0    | 99.96 +/- 0.16   | 98.06 +/- 5.06   |
| <i>TTC5</i>    | 54.56 +/- 8.13               | 99.98 +/- 0.04   | 99.97 +/- 0.05   | 99.45 +/- 1.58   |
| <i>TTC8</i>    | 55.08 +/- 7.81               | 100.0 +/- 0.0    | 99.87 +/- 0.7    | 99.14 +/- 2.09   |
| <i>TTI1</i>    | 52.17 +/- 7.53               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.18 +/- 3.11   |
| <i>TTI2</i>    | 53.01 +/- 8.38               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.79 +/- 2.34   |
| <i>TUBA1A</i>  | 51.74 +/- 8.54               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.01 +/- 3.02   |
| <i>TUBA8</i>   | 51.29 +/- 8.34               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.74 +/- 4.6    |
| <i>TUBB</i>    | 53.39 +/- 8.13               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.79 +/- 4.72   |
| <i>TUBB2A</i>  | 40.29 +/- 6.55               | 99.02 +/- 3.04   | 88.44 +/- 10.64  | 69.93 +/- 11.67  |
| <i>TUBB2B</i>  | 43.53 +/- 6.76               | 99.38 +/- 2.41   | 92.79 +/- 8.02   | 76.52 +/- 9.9    |
| <i>TUBB3</i>   | 56.08 +/- 8.71               | 100.0 +/- 0.0    | 99.91 +/- 0.52   | 98.6 +/- 3.98    |
| <i>TUBB4A</i>  | 50.1 +/- 8.11                | 100.0 +/- 0.0    | 99.51 +/- 2.08   | 94.53 +/- 10.01  |
| <i>TUBG1</i>   | 50.96 +/- 7.96               | 100.0 +/- 0.0    | 99.76 +/- 0.88   | 98.49 +/- 3.84   |
| <i>TUBGCP2</i> | 53.66 +/- 8.72               | 100.0 +/- 0.0    | 99.93 +/- 0.48   | 98.32 +/- 5.72   |
| <i>TUBGCP4</i> | 53.0 +/- 8.1                 | 100.0 +/- 0.0    | 99.92 +/- 0.46   | 98.82 +/- 3.44   |
| <i>TUBGCP6</i> | 55.06 +/- 8.96               | 100.0 +/- 0.0    | 99.94 +/- 0.36   | 98.93 +/- 3.92   |
| <i>TUSC3</i>   | 54.81 +/- 6.97               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.75 +/- 0.86   |
| <i>TWIST1</i>  | 47.56 +/- 7.9                | 100.0 +/- 0.0    | 99.15 +/- 2.8    | 93.83 +/- 10.15  |
| <i>TWINK</i>   | 52.49 +/- 9.07               | 100.0 +/- 0.0    | 99.91 +/- 0.44   | 98.51 +/- 5.9    |
| <i>U2AF2</i>   | 44.21 +/- 8.61               | 99.95 +/- 0.17   | 97.32 +/- 2.59   | 86.32 +/- 10.14  |
| <i>UBA2</i>    | 54.2 +/- 8.14                | 100.0 +/- 0.0    | 99.89 +/- 0.66   | 98.53 +/- 2.91   |
| <i>UBA5</i>    | 51.82 +/- 6.93               | 100.0 +/- 0.0    | 99.91 +/- 0.4    | 98.21 +/- 2.77   |
| <i>UBAP2L</i>  | 51.85 +/- 8.0                | 100.0 +/- 0.0    | 99.96 +/- 0.1    | 98.41 +/- 3.73   |
| <i>UBE2A</i>   | 41.97 +/- 16.11              | 99.91 +/- 0.47   | 92.53 +/- 12.36  | 67.85 +/- 37.18  |
| <i>UBE3A</i>   | 53.99 +/- 7.8                | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.12 +/- 2.32   |
| <i>UBE3B</i>   | 52.95 +/- 8.01               | 99.98 +/- 0.04   | 99.96 +/- 0.08   | 99.05 +/- 3.11   |
| <i>UBE3C</i>   | 54.1 +/- 7.38                | 99.99 +/- 0.05   | 99.81 +/- 0.75   | 98.81 +/- 2.67   |
| <i>UBE4A</i>   | 54.72 +/- 7.82               | 100.0 +/- 0.0    | 99.98 +/- 0.13   | 99.39 +/- 1.75   |
| <i>UBR1</i>    | 54.36 +/- 7.47               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.56 +/- 1.06   |
| <i>UBR5</i>    | 55.15 +/- 7.41               | 100.0 +/- 0.03   | 99.87 +/- 0.42   | 98.78 +/- 1.87   |
| <i>UBR7</i>    | 54.88 +/- 7.91               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.5 +/- 2.1     |
| <i>UBTF</i>    | 49.73 +/- 8.42               | 99.99 +/- 0.03   | 99.68 +/- 0.78   | 96.44 +/- 6.6    |
| <i>UFC1</i>    | 52.46 +/- 8.43               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.23 +/- 2.13   |
| <i>UFM1</i>    | 54.7 +/- 7.61                | 99.92 +/- 0.04   | 99.9 +/- 0.01    | 99.48 +/- 1.21   |
| <i>UFSP2</i>   | 55.84 +/- 7.71               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.78 +/- 0.59   |
| <i>UGDH</i>    | 55.34 +/- 7.76               | 99.98 +/- 0.04   | 99.95 +/- 0.05   | 99.47 +/- 0.99   |
| <i>UGP2</i>    | 54.32 +/- 7.88               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.59 +/- 1.18   |
| <i>UNC13A</i>  | 51.04 +/- 8.12               | 100.0 +/- 0.0    | 99.92 +/- 0.51   | 98.31 +/- 5.46   |
| <i>UNC45A</i>  | 51.02 +/- 8.54               | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 97.96 +/- 6.43   |



| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <i>UNC79</i>   | 54.29 +/- 7.79               | 100.0 +/- 0.0    | 99.95 +/- 0.17   | 99.06 +/- 1.62   |
| <i>UNC80</i>   | 53.87 +/- 7.68               | 100.0 +/- 0.0    | 99.95 +/- 0.29   | 98.97 +/- 1.92   |
| <i>UPB1</i>    | 53.92 +/- 7.81               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.23 +/- 2.11   |
| <i>UPF1</i>    | 55.67 +/- 8.56               | 100.0 +/- 0.0    | 99.85 +/- 0.53   | 98.26 +/- 4.19   |
| <i>UPF3B</i>   | 42.79 +/- 16.01              | 99.9 +/- 0.44    | 94.16 +/- 11.93  | 70.36 +/- 34.19  |
| <i>UROC1</i>   | 50.1 +/- 8.42                | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 98.05 +/- 6.26   |
| <i>USP14</i>   | 54.7 +/- 7.7                 | 99.99 +/- 0.03   | 99.96 +/- 0.09   | 99.24 +/- 1.53   |
| <i>USP27X</i>  | 39.45 +/- 14.84              | 99.73 +/- 1.03   | 90.4 +/- 14.93   | 63.5 +/- 39.72   |
| <i>USP7</i>    | 52.52 +/- 7.3                | 99.49 +/- 0.99   | 96.67 +/- 2.74   | 91.84 +/- 3.77   |
| <i>USP9X</i>   | 43.06 +/- 15.88              | 99.85 +/- 0.61   | 94.23 +/- 9.61   | 70.39 +/- 34.42  |
| <i>VAMP1</i>   | 51.89 +/- 8.12               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.54 +/- 4.68   |
| <i>VAMP2</i>   | 46.24 +/- 7.97               | 100.0 +/- 0.01   | 98.64 +/- 2.86   | 92.5 +/- 10.1    |
| <i>VARS1</i>   | 50.25 +/- 8.58               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 96.78 +/- 8.13   |
| <i>VARS2</i>   | 50.72 +/- 8.22               | 100.0 +/- 0.0    | 99.95 +/- 0.27   | 98.16 +/- 5.87   |
| <i>VCP</i>     | 53.03 +/- 7.94               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.09 +/- 2.71   |
| <i>VIPAS39</i> | 53.3 +/- 8.48                | 100.0 +/- 0.0    | 99.95 +/- 0.31   | 98.66 +/- 3.88   |
| <i>VLDLR</i>   | 54.03 +/- 7.8                | 99.97 +/- 0.05   | 99.93 +/- 0.16   | 98.88 +/- 1.99   |
| <i>VMA22</i>   | 53.73 +/- 8.2                | 100.0 +/- 0.0    | 99.94 +/- 0.39   | 98.73 +/- 4.42   |
| <i>VPS11</i>   | 53.36 +/- 7.89               | 100.0 +/- 0.0    | 99.95 +/- 0.36   | 99.18 +/- 3.3    |
| <i>VPS13B</i>  | 55.06 +/- 7.31               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.62 +/- 1.05   |
| <i>VPS16</i>   | 51.82 +/- 8.75               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 98.44 +/- 4.99   |
| <i>VPS35L</i>  | 53.28 +/- 7.99               | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 99.09 +/- 2.58   |
| <i>VPS37A</i>  | 54.49 +/- 7.57               | 100.0 +/- 0.0    | 99.85 +/- 0.42   | 98.74 +/- 1.82   |
| <i>VPS41</i>   | 54.93 +/- 7.14               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.68 +/- 0.74   |
| <i>VPS4A</i>   | 51.76 +/- 8.01               | 100.0 +/- 0.03   | 99.9 +/- 0.31    | 98.12 +/- 3.57   |
| <i>VPS50</i>   | 54.51 +/- 7.61               | 100.0 +/- 0.0    | 99.96 +/- 0.14   | 99.25 +/- 1.99   |
| <i>VPS53</i>   | 50.14 +/- 7.75               | 98.06 +/- 0.44   | 96.48 +/- 1.16   | 92.89 +/- 4.32   |
| <i>VRK1</i>    | 56.03 +/- 7.99               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 99.47 +/- 1.23   |
| <i>VWA3B</i>   | 52.63 +/- 7.83               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 98.98 +/- 2.63   |
| <i>WAC</i>     | 52.15 +/- 7.18               | 99.97 +/- 0.09   | 99.19 +/- 1.48   | 95.48 +/- 3.64   |
| <i>WARS1</i>   | 53.04 +/- 8.64               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 98.98 +/- 3.14   |
| <i>WARS2</i>   | 55.67 +/- 8.35               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.22 +/- 1.79   |
| <i>WASF1</i>   | 52.21 +/- 7.52               | 100.0 +/- 0.0    | 99.79 +/- 1.37   | 98.08 +/- 4.37   |
| <i>WASHC4</i>  | 55.9 +/- 7.55                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.28 +/- 1.25   |
| <i>WBP4</i>    | 54.43 +/- 7.58               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.48 +/- 1.27   |
| <i>WDFY3</i>   | 55.56 +/- 7.46               | 100.0 +/- 0.0    | 99.96 +/- 0.15   | 99.02 +/- 1.36   |
| <i>WDPCP</i>   | 55.08 +/- 7.68               | 100.0 +/- 0.0    | 99.96 +/- 0.16   | 99.43 +/- 1.45   |
| <i>WDR11</i>   | 55.62 +/- 7.76               | 100.0 +/- 0.0    | 99.97 +/- 0.14   | 99.45 +/- 1.28   |
| <i>WDR13</i>   | 39.38 +/- 15.39              | 99.61 +/- 0.93   | 88.99 +/- 17.2   | 63.73 +/- 39.09  |
| <i>WDR26</i>   | 52.01 +/- 7.31               | 99.81 +/- 0.36   | 98.15 +/- 1.67   | 94.05 +/- 4.25   |
| <i>WDR37</i>   | 54.14 +/- 7.99               | 100.0 +/- 0.0    | 99.92 +/- 0.38   | 98.82 +/- 2.34   |
| <i>WDR4</i>    | 52.92 +/- 8.39               | 100.0 +/- 0.0    | 99.99 +/- 0.04   | 98.89 +/- 3.17   |
| <i>WDR44</i>   | 42.6 +/- 15.55               | 99.93 +/- 0.49   | 94.04 +/- 10.03  | 70.5 +/- 34.62   |
| <i>WDR45</i>   | 41.17 +/- 16.23              | 99.85 +/- 0.7    | 92.22 +/- 15.53  | 66.44 +/- 39.6   |
| <i>WDR45B</i>  | 52.49 +/- 8.01               | 100.0 +/- 0.0    | 99.88 +/- 0.68   | 97.99 +/- 5.17   |
| <i>WDR47</i>   | 53.73 +/- 7.62               | 100.0 +/- 0.0    | 99.95 +/- 0.33   | 98.93 +/- 1.74   |
| <i>WDR5</i>    | 52.37 +/- 8.38               | 100.0 +/- 0.0    | 99.85 +/- 0.58   | 97.71 +/- 5.52   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <b>WDR62</b>   | 52.25 +/- 8.31               | 100.0 +/- 0.0    | 99.97 +/- 0.19   | 98.54 +/- 5.41   |
| <b>WDR73</b>   | 51.07 +/- 8.43               | 99.98 +/- 0.07   | 99.92 +/- 0.13   | 98.83 +/- 3.16   |
| <b>WDR81</b>   | 53.85 +/- 8.82               | 100.0 +/- 0.0    | 99.93 +/- 0.49   | 98.84 +/- 4.16   |
| <b>WDR83OS</b> | 49.73 +/- 8.29               | 100.0 +/- 0.0    | 99.97 +/- 0.22   | 97.72 +/- 9.27   |
| <b>WFS1</b>    | 54.56 +/- 9.12               | 100.0 +/- 0.0    | 99.97 +/- 0.11   | 98.44 +/- 6.43   |
| <b>WIPI2</b>   | 53.04 +/- 8.08               | 99.96 +/- 0.05   | 99.81 +/- 0.69   | 98.06 +/- 4.29   |
| <b>WNK3</b>    | 42.69 +/- 15.94              | 99.95 +/- 0.24   | 94.4 +/- 9.81    | 69.63 +/- 35.32  |
| <b>WNT1</b>    | 51.95 +/- 9.14               | 100.0 +/- 0.0    | 99.83 +/- 1.09   | 97.89 +/- 5.84   |
| <b>WSB2</b>    | 52.44 +/- 7.75               | 99.9 +/- 0.52    | 99.03 +/- 1.71   | 96.84 +/- 2.85   |
| <b>WVOX</b>    | 55.25 +/- 7.83               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.42 +/- 1.74   |
| <b>XPA</b>     | 55.2 +/- 7.75                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 99.28 +/- 2.4    |
| <b>XRCC4</b>   | 56.31 +/- 7.21               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.55 +/- 1.17   |
| <b>XYLT1</b>   | 51.32 +/- 8.06               | 99.98 +/- 0.09   | 99.49 +/- 1.2    | 96.92 +/- 5.6    |
| <b>YARS1</b>   | 50.57 +/- 8.12               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 98.46 +/- 5.15   |
| <b>YIF1B</b>   | 50.03 +/- 9.0                | 100.0 +/- 0.01   | 99.9 +/- 0.43    | 97.32 +/- 6.85   |
| <b>YIPF5</b>   | 54.76 +/- 7.71               | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.33 +/- 1.46   |
| <b>YME1L1</b>  | 54.6 +/- 6.93                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.43 +/- 1.51   |
| <b>YWHAE</b>   | 53.39 +/- 7.49               | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.44 +/- 1.19   |
| <b>YWHAG</b>   | 51.15 +/- 7.4                | 99.99 +/- 0.04   | 99.5 +/- 0.65    | 96.41 +/- 3.26   |
| <b>YWHAZ</b>   | 51.28 +/- 7.79               | 99.98 +/- 0.04   | 99.81 +/- 0.48   | 97.73 +/- 3.23   |
| <b>YY1</b>     | 51.41 +/- 7.63               | 100.0 +/- 0.01   | 99.48 +/- 1.4    | 96.05 +/- 5.09   |
| <b>YY1AP1</b>  | 51.07 +/- 8.34               | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 98.38 +/- 6.24   |
| <b>ZBTB11</b>  | 55.1 +/- 7.44                | 100.0 +/- 0.0    | 100.0 +/- 0.01   | 99.36 +/- 1.25   |
| <b>ZBTB16</b>  | 51.15 +/- 8.25               | 99.99 +/- 0.03   | 99.91 +/- 0.3    | 97.69 +/- 6.16   |
| <b>ZBTB18</b>  | 53.61 +/- 7.73               | 99.99 +/- 0.03   | 99.94 +/- 0.16   | 98.5 +/- 2.61    |
| <b>ZBTB20</b>  | 54.48 +/- 7.57               | 100.0 +/- 0.0    | 99.99 +/- 0.05   | 99.31 +/- 1.65   |
| <b>ZBTB24</b>  | 55.02 +/- 7.99               | 100.0 +/- 0.0    | 99.98 +/- 0.09   | 99.39 +/- 1.25   |
| <b>ZBTB47</b>  | 52.36 +/- 8.18               | 100.0 +/- 0.0    | 99.83 +/- 0.72   | 97.29 +/- 4.68   |
| <b>ZBTB7A</b>  | 49.22 +/- 7.84               | 99.87 +/- 0.37   | 98.37 +/- 1.71   | 92.61 +/- 7.18   |
| <b>ZC3H14</b>  | 55.21 +/- 7.69               | 100.0 +/- 0.0    | 100.0 +/- 0.03   | 99.42 +/- 1.68   |
| <b>ZC4H2</b>   | 39.58 +/- 15.36              | 99.94 +/- 0.39   | 90.18 +/- 17.24  | 64.04 +/- 40.97  |
| <b>ZDHHC9</b>  | 39.95 +/- 15.12              | 99.67 +/- 1.37   | 90.44 +/- 15.61  | 65.79 +/- 38.14  |
| <b>ZEB2</b>    | 53.74 +/- 7.37               | 100.0 +/- 0.0    | 99.96 +/- 0.14   | 98.82 +/- 2.32   |
| <b>ZFHX3</b>   | 50.74 +/- 7.11               | 100.0 +/- 0.0    | 99.86 +/- 0.35   | 97.08 +/- 4.32   |
| <b>ZFHX4</b>   | 53.19 +/- 7.79               | 100.0 +/- 0.01   | 99.78 +/- 0.28   | 98.49 +/- 1.94   |
| <b>ZFTRAF1</b> | 49.69 +/- 8.22               | 99.91 +/- 0.42   | 97.51 +/- 4.54   | 90.5 +/- 9.72    |
| <b>ZFX</b>     | 43.48 +/- 16.06              | 99.97 +/- 0.14   | 95.45 +/- 8.45   | 71.6 +/- 33.67   |
| <b>ZFYVE26</b> | 52.88 +/- 7.91               | 100.0 +/- 0.0    | 99.94 +/- 0.29   | 98.83 +/- 3.35   |
| <b>ZIC1</b>    | 51.0 +/- 7.45                | 99.88 +/- 0.26   | 98.7 +/- 0.85    | 94.9 +/- 3.86    |
| <b>ZIC2</b>    | 47.47 +/- 7.27               | 100.0 +/- 0.0    | 99.56 +/- 1.37   | 93.06 +/- 10.58  |
| <b>ZMIZ1</b>   | 51.64 +/- 8.37               | 100.0 +/- 0.02   | 99.88 +/- 0.41   | 97.36 +/- 6.94   |
| <b>ZMYM2</b>   | 55.44 +/- 7.4                | 100.0 +/- 0.0    | 99.94 +/- 0.18   | 99.15 +/- 1.41   |
| <b>ZMYM3</b>   | 39.39 +/- 15.51              | 99.66 +/- 1.52   | 88.95 +/- 17.62  | 63.66 +/- 40.07  |
| <b>ZMYND11</b> | 56.82 +/- 7.23               | 100.0 +/- 0.0    | 99.92 +/- 0.4    | 99.23 +/- 1.36   |
| <b>ZMYND8</b>  | 54.1 +/- 7.4                 | 100.0 +/- 0.0    | 99.95 +/- 0.34   | 99.12 +/- 2.74   |
| <b>ZNF142</b>  | 52.61 +/- 7.98               | 100.0 +/- 0.0    | 99.99 +/- 0.09   | 98.87 +/- 4.16   |
| <b>ZNF148</b>  | 55.23 +/- 7.76               | 100.0 +/- 0.0    | 99.95 +/- 0.17   | 99.31 +/- 1.08   |

| Gen            | Middelsekventeringsdybde [x] | Andel >= 15x [%] | Andel >= 20x [%] | Andel >= 30x [%] |
|----------------|------------------------------|------------------|------------------|------------------|
| <b>ZNF292</b>  | 55.88 +/- 7.6                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.6 +/- 1.08    |
| <b>ZNF335</b>  | 51.21 +/- 8.49               | 100.0 +/- 0.0    | 99.97 +/- 0.21   | 98.14 +/- 6.04   |
| <b>ZNF407</b>  | 55.86 +/- 7.83               | 100.0 +/- 0.0    | 100.0 +/- 0.02   | 99.35 +/- 2.67   |
| <b>ZNF41</b>   | 42.22 +/- 15.39              | 99.98 +/- 0.09   | 94.69 +/- 11.15  | 69.98 +/- 34.9   |
| <b>ZNF462</b>  | 52.33 +/- 8.08               | 100.0 +/- 0.0    | 99.96 +/- 0.25   | 98.79 +/- 2.83   |
| <b>ZNF526</b>  | 54.5 +/- 8.52                | 100.0 +/- 0.0    | 99.99 +/- 0.06   | 98.98 +/- 3.21   |
| <b>ZNF668</b>  | 56.65 +/- 10.34              | 100.0 +/- 0.0    | 99.86 +/- 0.58   | 98.06 +/- 6.14   |
| <b>ZNF699</b>  | 54.0 +/- 7.71                | 100.0 +/- 0.0    | 100.0 +/- 0.0    | 99.32 +/- 1.86   |
| <b>ZNF711</b>  | 42.99 +/- 15.82              | 99.95 +/- 0.23   | 95.05 +/- 7.59   | 71.02 +/- 33.78  |
| <b>ZNFX1</b>   | 53.49 +/- 8.17               | 100.0 +/- 0.0    | 99.99 +/- 0.03   | 98.78 +/- 3.66   |
| <b>ZNHIT3</b>  | 51.33 +/- 8.46               | 100.0 +/- 0.0    | 99.88 +/- 0.76   | 97.11 +/- 5.93   |
| <b>ZNRF3</b>   | 53.28 +/- 8.09               | 99.96 +/- 0.24   | 99.77 +/- 0.7    | 97.76 +/- 4.45   |
| <b>ZRSR2</b>   | 42.77 +/- 16.17              | 99.99 +/- 0.04   | 94.28 +/- 12.12  | 68.64 +/- 37.14  |
| <b>ZSCAN10</b> | 61.28 +/- 10.55              | 100.0 +/- 0.0    | 99.98 +/- 0.12   | 99.03 +/- 4.24   |
| <b>ZSWIM6</b>  | 51.36 +/- 7.39               | 99.43 +/- 0.48   | 97.42 +/- 1.64   | 92.62 +/- 4.02   |

For supplerende oplysninger vedrørende analysen kan afdelingen kontaktes på mail: [mol-dia@rn.dk](mailto:mol-dia@rn.dk). Rapport genereret: 10/10-2025