

Table S11 Sequence divergence between *N. furzeri* and *N. kuhntae* measured at 115 loci -

Column 1 reports the gene name, Column 2 reports the length of the coding sequence in *N. furzeri*, column 3 reports the length of the alignment between the two ortholog sequences, column 4 reports the percentage of the *N. furzeri* coding sequence covered by the alignment, column 5 reports the ID of the *N. furzeri* transcript, column 6 reports the ID of the *N. kunthae* genomic contig, column 7 reports the number of sites of possible non-synonymous substitution, column 8 reports the frequency of non-synonymous substitutions per site, column 9 reports the number of sites of possible synonymous substitution (dN), column 10 reports the frequency of synonymous substitutions per site (dS), column 10 reports the dN/dS ratio, column 11 reports the percentage of aminoacidic sequence identity in the alignment, column 12 reports the percentage of nucleotide sequence identity in the alignment, column 12 reports the number of non-synonymous sequence variations and column 13 the number of synonymous sequence variations. The last two rows report the median of all columns and the total for columns 2, 3, 6, 8, 13 and 14.

| Gene | length [bp] cds in Nofu | length nt-ali seq1 to seq2 | [%] | GRZ transcript ID: Nofu_GRZ_cDN A_3_ | Noku genom contig | N = avg no. non-syn sites | dN (Ka) | S = avg no. syn sites | dS (Ks) | dN/dS | prot_ID [%] | cDNA_ID [%] | # non-syn var | # syn var |
|------------------|-------------------------|----------------------------|------|--------------------------------------|----------------------|---------------------------|---------|-----------------------|---------|---------|-------------|-------------|---------------|-----------|
| ADAMTS12 | 4668 | 316 | 6.8 | 1250 | Nku-G-d-27c01.f1 | 211.9 | 0.0000 | 103.1 | 0.0102 | 0.00100 | 100 | 99.68 | | 1 |
| KIAA1614 | 2928 | 243 | 8.3 | 4622 | Nku-G-d-06g10.f1 | 168.8 | 0.0001 | 74.2 | 0.0557 | 0.00100 | 100 | 98.35 | 0 | 4 |
| IKBKB | 2214 | 548 | 24.8 | 176555 | Nku-G-d-05c09.f1 | 437.4 | 0.0000 | 108.6 | 0.0186 | 0.00100 | 100 | 99.63 | 0 | 2 |
| LLGL2 | 3012 | 212 | 7.0 | 160453 | Nku-G-d-26e03.r1 | 156.6 | 0.0000 | 53.4 | 0.0392 | 0.00100 | 100 | 99.05 | 0 | 2 |
| SPTBN2 | 6882 | 491 | 7.1 | 207523 | Nku-G-d-22h11.r1 | 325.1 | 0.0000 | 163.9 | 0.0058 | 0.00100 | 100 | 99.8 | 0 | 1 |
| ANKHA | 1479 | 395 | 26.7 | 10472 | Nku-G-d-04g10.f1 | 268.2 | 0.0000 | 124.8 | 0.0420 | 0.00100 | 100 | 98.73 | 0 | 5 |
| RBMX2 | 846 | 254 | 30.0 | 195428 | Nku-G-d-49d02.f1 | 197.6 | 0.0000 | 54.4 | 0.0182 | 0.00100 | 100 | 99.6 | 0 | 1 |
| TXNL1 | 867 | 350 | 40.4 | 34863 | Nku-G-d-01h03.f1 | 265.5 | 0.0000 | 82.5 | 0.0375 | 0.00100 | 100 | 99.14 | 0 | 3 |
| DDX47 (1 OF 2) | 1425 | 262 | 18.4 | 34410 | Nku-G-d-16h04.r1 | 181.7 | 0.0000 | 79.3 | 0.0379 | 0.00100 | 100 | 98.85 | 0 | 3 |
| RPRD2 (1 OF 2) | 2139 | 420 | 19.6 | 182952 | Nku-G-d-57d12.f1 | 272.5 | 0.0000 | 147.5 | 0.0147 | 0.00100 | 100 | 99.52 | 0 | 2 |
| PSMC6 | 1182 | 202 | 17.1 | 7763 | Nku-G-d-37b07.f1 | 151.0 | 0.0000 | 47.0 | 0.0226 | 0.00100 | 98.51 | 98.51 | 0 | 1 |
| KDRL | 3900 | 252 | 6.5 | 159935 | Nku-G-d-18f02.r1 | 194.4 | 0.0001 | 57.6 | 0.0569 | 0.00100 | 100 | 98.81 | 0 | 3 |
| CHD4 (2 OF 2) | 5871 | 393 | 6.7 | 159809 | Nku-G-d-11c07.f1 | 296.5 | 0.0000 | 96.5 | 0.0332 | 0.00100 | 100 | 99.24 | 0 | 3 |
| DLG5 | 6144 | 572 | 9.3 | 207672 | Nku-G-d-62c12.f1 | 396.2 | 0.0000 | 173.8 | 0.0117 | 0.00100 | 100 | 99.65 | 0 | 2 |
| AGPS | 1920 | 163 | 8.5 | 7906 | Nku-G-d-56a07.r1 | 106.0 | 0.0000 | 56.0 | 0.0388 | 0.00100 | 100 | 98.77 | 0 | 2 |
| EVPL (1 OF 2) | 11169 | 302 | 2.7 | 179063 | Nku-G-d-59b06.r1 | 237.1 | 0.0000 | 62.9 | 0.0165 | 0.00100 | 100 | 99.67 | 0 | 1 |
| Sl:CH211-66G24 | 3321 | 248 | 7.5 | 1798 | Nku-G-d-46g09.f1 | 193.5 | 0.0001 | 52.5 | 0.0598 | 0.00100 | 100 | 98.78 | 0 | 3 |
| TARSL2 | 2430 | 190 | 7.8 | 10756 | Nku-G-d-01e09.r1 | 134.9 | 0.0000 | 54.1 | 0.0185 | 0.00100 | 100 | 99.47 | 0 | 1 |
| MAST1 (1 OF 2) | 7035 | 241 | 3.4 | 5653 | Nku-G-d-01b02.r1 | 174.2 | 0.0000 | 65.8 | 0.0000 | 0.00100 | 100 | 100 | 0 | 0 |
| MYO16 | 5880 | 202 | 3.4 | 175664 | Nku-G-d-19a04.f1 | 128.4 | 0.0000 | 72.6 | 0.0133 | 0.00100 | 100 | 99.5 | 0 | 1 |
| XPR1 (2 OF 2) | 2073 | 306 | 14.8 | 1498 | Nku-G-d-35h05.f1 | 250.0 | 0.0000 | 56.0 | 0.0375 | 0.00100 | 100 | 99.35 | 0 | 2 |
| BMP1A | 2010 | 345 | 17.2 | 4584 | Nku-G-d-18g05.r1 | 280.4 | 0.0000 | 64.6 | 0.0480 | 0.00100 | 100 | 99.13 | 0 | 3 |
| CNOT2 (2 OF 2) | 1608 | 254 | 15.8 | 9641 | Nku-G-d-26d05.f1 | 167.0 | 0.0000 | 85.0 | 0.0120 | 0.00100 | 100 | 99.6 | 0 | 1 |
| CYFIP2 | 3720 | 353 | 9.5 | 4139 | Nku-G-d-14c12.f1 | 248.1 | 0.0000 | 102.9 | 0.0102 | 0.00100 | 100 | 99.72 | 0 | 1 |
| FPGS | 1716 | 187 | 10.9 | 208283 | Nku-G-d-47c10.f1 | 140.2 | 0.0000 | 45.8 | 0.0209 | 0.00100 | 100 | 99.46 | 0 | 1 |
| TNFAIP3 | 2538 | 297 | 11.7 | 0185099-cds | Nku-G-d-15b04.r1-cds | 201.6 | 0.0000 | 92.4 | 0.0342 | 0.00100 | 100 | 98.98 | 0 | 3 |
| CDK20 | 2043 | 346 | 16.9 | 161411 | Nku-G-d-01g08.r1 | 274.8 | 0.0000 | 70.2 | 0.0147 | 0.00100 | 100 | 99.71 | 0 | 1 |
| GLT25D2 | 1857 | 338 | 18.2 | 193756 | Nku-G-d-11e11.r1 | 221.1 | 0.0000 | 114.9 | 0.0179 | 0.00100 | 100 | 99.4 | 0 | 2 |
| TFR1A | 2271 | 402 | 17.7 | 4579 | Nku-G-d-23c02.f1 | 321.4 | 0.0000 | 80.6 | 0.0399 | 0.00100 | 100 | 99.25 | 0 | 3 |
| HELLS | 2565 | 465 | 18.1 | 8615 | Nku-G-d-01a10.r1 | 379.4 | 0.0001 | 85.6 | 0.0607 | 0.00100 | 100 | 98.92 | 0 | 5 |
| APC | 7590 | 1,142 | 15.0 | 175577 | Nku-G-d-02d08.f1 | 874.0 | 0.0000 | 266.0 | 0.0302 | 0.00100 | 100 | 99.3 | 0 | 8 |
| UFSP2 | 1383 | 458 | 33.1 | 193578 | Nku-G-d-12a05.r1 | 347.1 | 0.0000 | 108.9 | 0.0194 | 0.00100 | 100 | 99.56 | 0 | 2 |
| DIRAS1 (2 OF 2) | 624 | 302 | 48.4 | 184264 | Nku-G-d-31h06.r1 | 253.3 | 0.0000 | 46.7 | 0.0468 | 0.00100 | 100 | 99.33 | 0 | 2 |
| GRID2IP (1 OF 2) | 1959 | 255 | 13.0 | 706 | Nku-G-d-21a04.r1 | 205.7 | 0.0000 | 49.3 | 0.0209 | 0.00100 | 100 | 99.61 | 0 | 1 |
| ZNF365 | 1326 | 523 | 39.4 | 193079 | Nku-G-d-25e02.f1 | 419.1 | 0.0000 | 102.9 | 0.0410 | 0.00100 | 100 | 99.23 | 0 | 4 |
| LIMD2 | 342 | 291 | 85.1 | 53724 | Nku-G-d-60b11.r1 | 206.3 | 0.0000 | 84.7 | 0.0115 | 0.00100 | 100 | 99.66 | 0 | 1 |
| BTF3L4 | 480 | 316 | 65.8 | 16015 | Nku-G-d-59f03.f1 | 221.9 | 0.0000 | 93.1 | 0.0104 | 0.00100 | 100 | 99.68 | 0 | 1 |
| ZMYND11 | 1605 | 354 | 22.1 | 19182 | Nku-G-d-62d01.f1 | 285.6 | 0.0035 | 68.4 | 0.0645 | 0.05363 | 99.15 | 98.59 | 1 | 4 |
| FEN1 | 1140 | 381 | 33.4 | 209082 | Nku-G-d-45g04.f1 | 271.4 | 0.0037 | 109.6 | 0.0585 | 0.06340 | 99.21 | 98.16 | 1 | 6 |
| TMC6 (1 OF 2) | 1665 | 467 | 28.0 | 193204 | Nku-G-d-02f05.r1 | 357.3 | 0.0028 | 107.7 | 0.0393 | 0.07215 | 99.35 | 98.92 | 1 | 4 |
| IRX6A | 1392 | 661 | 47.5 | 177264 | Nku-G-d-15d05.r1 | 480.9 | 0.0021 | 179.1 | 0.0286 | 0.07418 | 99.55 | 99.09 | 1 | 5 |
| EFR3A | 2460 | 282 | 11.5 | 192894 | Nku-G-d-24b05.r1 | 223.3 | 0.0094 | 52.7 | 0.1245 | 0.07533 | 96.77 | 96.77 | 2 | 7 |
| ARHGEF17 | 4413 | 355 | 8.0 | 73 | Nku-G-d-07g12.r1 | 264.7 | 0.0038 | 89.3 | 0.0472 | 0.08115 | 99.15 | 98.59 | 1 | 4 |
| ZNF385C | 1437 | 567 | 39.5 | 178604 | Nku-G-d-33f09.r1 | 396.1 | 0.0026 | 170.9 | 0.0305 | 0.08394 | 99.47 | 98.94 | 1 | 5 |
| IGFN1 | 10053 | 295 | 2.9 | 1 | Nku-G-d-36h05.f1 | 211.8 | 0.0048 | 82.2 | 0.0516 | 0.09382 | 98.98 | 98.3 | 1 | 4 |

| Gene | length [bp] cds in Nofu | length nt-ali seq1 to seq2 | [%] | GRZ transcript ID: Nofu_GRZ_cDN A_3_ | Noku genom contig | N = avg no. non-syn sites | dN (Ka) | S = avg no. syn sites | dS (Ks) | dN/dS | prot_ID [%] | cDNA_ID [%] | # non-syn var | # syn var |
|------------------|-------------------------|----------------------------|-------|--------------------------------------|-------------------|---------------------------|---------|-----------------------|---------|---------|-------------|-------------|---------------|-----------|
| HARS | 1536 | 579 | 37.7 | 181574 | Nku-G-d-12e07.f1 | 413.8 | 0.0025 | 165.2 | 0.0251 | 0.09861 | 99.48 | 99.14 | 1 | 4 |
| MTIF2 | 1992 | 309 | 15.5 | 161318 | Nku-G-d-59b11.r1 | 236.9 | 0.0043 | 72.1 | 0.0417 | 0.10392 | 99.03 | 98.71 | 1 | 3 |
| CYP11B2 | 933 | 524 | 56.2 | 15769 | Nku-G-d-37d04.f1 | 391.4 | 0.0052 | 130.6 | 0.0484 | 0.10775 | 98.85 | 98.47 | 2 | 6 |
| MLL3 (2 OF 2) | 11544 | 609 | 5.3 | 175423 | Nku-G-d-61c10.f1 | 453.9 | 0.0022 | 155.1 | 0.0198 | 0.11319 | 99.51 | 99.34 | 1 | 3 |
| ZZZ3 | 2883 | 287 | 10.0 | 185460 | Nku-G-d-20d12.f1 | 205.8 | 0.0051 | 76.2 | 0.0421 | 0.12168 | 98.94 | 98.58 | 1 | 3 |
| ADAM8A | 2148 | 463 | 21.6 | 208012 | Nku-G-d-45e07.f1 | 339.4 | 0.0030 | 122.6 | 0.0237 | 0.12581 | 99.35 | 99.13 | 1 | 3 |
| KLHL15 | 2115 | 1,042 | 49.3 | 13700 | Nku-G-d-29h08.f1 | 819.1 | 0.0063 | 221.9 | 0.0489 | 0.12854 | 98.56 | 98.56 | 5 | 11 |
| LAMB2L | 6072 | 523 | 8.6 | 183309 | Nku-G-d-63g03.r1 | 413.9 | 0.0050 | 108.1 | 0.0368 | 0.13479 | 98.85 | 98.85 | 2 | 4 |
| EARS2 | 1536 | 621 | 40.4 | 12266 | Nku-G-d-57h09.f1 | 391.9 | 0.0026 | 229.1 | 0.0180 | 0.14562 | 99.52 | 99.19 | 1 | 4 |
| NFE2L3 | 1917 | 587 | 30.6 | 161585 | Nku-G-d-23a08.r1 | 395.0 | 0.0052 | 190.0 | 0.0331 | 0.15721 | 98.97 | 98.63 | 2 | 6 |
| MINK1 | 3786 | 373 | 9.9 | 2177 | Nku-G-d-31f09.r1 | 261.3 | 0.0079 | 110.7 | 0.0473 | 0.16632 | 98.39 | 98.12 | 2 | 5 |
| GTF2H2 | 1176 | 312 | 26.5 | 163318 | Nku-G-d-50d10.f1 | 227.6 | 0.0045 | 84.4 | 0.0243 | 0.18343 | 99.04 | 99.04 | 1 | 2 |
| SLC25A30 | 867 | 211 | 24.3 | 165726 | Nku-G-d-48d09.f1 | 153.2 | 0.0067 | 56.8 | 0.0362 | 0.18409 | 98.57 | 98.57 | 1 | 2 |
| ACOT11B | 1725 | 455 | 26.4 | 193894 | Nku-G-d-38d02.r1 | 348.4 | 0.0058 | 101.6 | 0.0313 | 0.18465 | 98.01 | 98.68 | 2 | 3 |
| N4BP1 | 2811 | 817 | 29.1 | 161462 | Nku-G-d-34e07.f1 | 640.0 | 0.0079 | 173.0 | 0.0425 | 0.18529 | 98.52 | 98.52 | 5 | 7 |
| MBTPS1 | 3210 | 254 | 7.9 | 160773 | Nku-G-d-18b10.f1 | 183.4 | 0.0056 | 68.6 | 0.0297 | 0.18873 | 98.81 | 98.81 | 1 | 2 |
| ALG1 | 1383 | 277 | 20.0 | 17574 | Nku-G-d-11f01.r1 | 200.1 | 0.0051 | 75.9 | 0.0271 | 0.18948 | 98.91 | 98.91 | 1 | 2 |
| GPR155 (1 OF 2) | 2421 | 346 | 14.3 | 175714 | Nku-G-d-07d04.f1 | 246.2 | 0.0042 | 98.8 | 0.0213 | 0.19468 | 99.13 | 99.13 | 1 | 2 |
| PPFIA2 | 2931 | 228 | 7.8 | 7500 | Nku-G-d-02g05.r1 | 174.9 | 0.0118 | 53.1 | 0.0603 | 0.19576 | 97.37 | 97.81 | 2 | 3 |
| MARK1 | 2385 | 323 | 13.5 | 743 | Nku-G-d-38e01.r1 | 245.4 | 0.0082 | 75.6 | 0.0415 | 0.19706 | 98.13 | 98.44 | 2 | 3 |
| QQQ7C6_ORYLA | 525 | 525 | 100.0 | 178389 | Nku-G-d-33e08.f1 | 389.4 | 0.0079 | 132.6 | 0.0395 | 0.19931 | 98.29 | 98.29 | 3 | 5 |
| ELOVL1B | 1014 | 510 | 50.3 | 178228 | Nku-G-d-10a08.f1 | 387.8 | 0.0053 | 122.2 | 0.0263 | 0.20354 | 98.82 | 99.02 | 2 | 3 |
| CAMTA1 (1 OF 2) | 2073 | 488 | 23.5 | 207535 | Nku-G-d-38b01.f1 | 325.5 | 0.0094 | 160.5 | 0.0456 | 0.20583 | 98.15 | 97.94 | 3 | 7 |
| RAD54L2 | 4440 | 629 | 14.2 | 159586 | Nku-G-d-56e02.f1 | 429.3 | 0.0024 | 197.7 | 0.0103 | 0.23179 | 99.52 | 99.52 | 1 | 2 |
| WDR4 (2 OF 2) | 1164 | 369 | 31.7 | 27523 | Nku-G-d-35h07.f1 | 295.5 | 0.0034 | 73.5 | 0.0142 | 0.23795 | 99.19 | 99.46 | 1 | 1 |
| KAT7 (2 OF 2) | 1878 | 360 | 19.2 | 3149 | Nku-G-d-29g01.r1 | 267.3 | 0.0113 | 92.7 | 0.0460 | 0.24488 | 97.5 | 98.06 | 3 | 4 |
| CR388231 | 2532 | 424 | 16.7 | 980 | Nku-G-d-12g07.r1 | 284.6 | 0.0036 | 138.4 | 0.0146 | 0.24881 | 99.29 | 99.29 | 1 | 2 |
| SQSTM1 | 765 | 286 | 37.4 | 8456 | Nku-G-d-56d09.r1 | 220.7 | 0.0090 | 64.3 | 0.0343 | 0.26344 | 97.89 | 98.6 | 2 | 2 |
| SLC30A9 | 1719 | 230 | 13.4 | 160549 | Nku-G-d-16e09.f1 | 183.7 | 0.0059 | 44.3 | 0.0219 | 0.26799 | 98.68 | 99.12 | 1 | 1 |
| GFOD1 | 1176 | 879 | 74.7 | 17839 | Nku-G-d-20f11.f1 | 638.6 | 0.0159 | 237.4 | 0.0556 | 0.28533 | 96.58 | 97.49 | 10 | 13 |
| UBAC1 | 1257 | 211 | 16.8 | 5031 | Nku-G-d-18e01.f1 | 161.0 | 0.0063 | 49.0 | 0.0211 | 0.29645 | 98.57 | 99.05 | 1 | 1 |
| ANKRD52 (2 OF 2) | 5802 | 825 | 14.2 | 176361 | Nku-G-d-42d08.f1 | 610.0 | 0.0033 | 215.0 | 0.0093 | 0.35721 | 99.27 | 99.52 | 2 | 2 |
| PFKL (2 OF 2) | 423 | 171 | 40.4 | 89104 | Nku-G-d-37d10.f1 | 124.9 | 0.0165 | 46.1 | 0.0458 | 0.36005 | 96.49 | 97.66 | 2 | 2 |
| CCNC | 849 | 266 | 31.3 | 163424 | Nku-G-d-37e06.f1 | 205.9 | 0.0000 | 58.1 | 0.0000 | 0.39739 | 100 | 100 | 0 | 0 |
| SUSD1 (1 OF 2) | 873 | 311 | 35.6 | 8850 | Nku-G-d-06g07.f1 | 239.4 | 0.0126 | 69.6 | 0.0312 | 0.40540 | 97.09 | 98.38 | 3 | 2 |
| MCM3AP | 6330 | 1,043 | 16.5 | 175677 | Nku-G-d-50h06.f1 | 725.5 | 0.0159 | 315.5 | 0.0388 | 0.40974 | 97.12 | 97.79 | 12 | 12 |
| DSP (2 OF 2) | 7038 | 323 | 4.6 | 192742 | Nku-G-d-62e07.f1 | 242.9 | 0.0000 | 78.1 | 0.0000 | 0.41947 | 100 | 100 | 0 | 0 |
| LMOD1 (2 OF 2) | 3405 | 948 | 27.8 | 159365 | Nku-G-d-42a11.f1 | 652.7 | 0.0031 | 295.3 | 0.0069 | 0.44353 | 99.37 | 99.58 | 2 | 2 |
| STX17 | 876 | 189 | 21.6 | 163573 | Nku-G-d-48a04.f1 | 155.1 | 0.0000 | 33.9 | 0.0000 | 0.44456 | 100 | 100 | 0 | 0 |
| HGFA | 1158 | 154 | 13.3 | 9211 | Nku-G-d-56g07.r1 | 117.3 | 0.0000 | 35.7 | 0.0000 | 0.45730 | 100 | 100 | 0 | 0 |
| EDC4 | 4164 | 280 | 6.7 | 193667 | Nku-G-d-06d08.f1 | 221.7 | 0.0000 | 57.3 | 0.0000 | 0.46264 | 100 | 100 | 0 | 0 |
| ATP2B3B | 2847 | 229 | 8.0 | 2708 | Nku-G-d-56a06.f1 | 199.2 | 0.0000 | 28.8 | 0.0000 | 0.46620 | 100 | 100 | 0 | 0 |
| JMY (2 OF 2) | 2595 | 606 | 23.4 | 175065 | Nku-G-d-34h03.f1 | 415.9 | 0.0049 | 190.1 | 0.0104 | 0.46787 | 99.01 | 99.34 | 2 | 2 |
| CPO | 1053 | 209 | 19.8 | 10194 | Nku-G-d-03d03.r1 | 142.3 | 0.0153 | 64.7 | 0.0321 | 0.47784 | 97.1 | 98.07 | 2 | 2 |
| CARS2 | 1686 | 295 | 17.5 | 176993 | Nku-G-d-51d12.f1 | 192.5 | 0.0109 | 101.5 | 0.0208 | 0.52136 | 97.96 | 98.64 | 2 | 2 |

| Gene | length [bp] cds in Nofu | length nt-ali seq1 to seq2 | [%] | GRZ transcript ID: Nofu_GRZ_cDN A_3_ | Noku genom contig | N = avg no. non-syn sites | dN (Ka) | S = avg no. syn sites | dS (Ks) | dN/dS | prot_ID [%] | cDNA_ID [%] | # non-syn var | # syn var |
|-----------------|-------------------------|----------------------------|-----------|--------------------------------------|-------------------|---------------------------|---------------|-----------------------|---------------|---------------|--------------|--------------|---------------|---------------|
| SH2D3A | 1788 | 382 | 21.4 | 161217 | Nku-G-d-04d02.f1 | 295.3 | 0.0137 | 85.7 | 0.0246 | 0.55693 | 96.85 | 98.43 | 4 | 2 |
| RAPGEF3 | 2703 | 367 | 13.6 | 178504 | Nku-G-d-19b05.r1 | 283.6 | 0.0071 | 82.4 | 0.0127 | 0.55888 | 98.36 | 99.18 | 2 | 1 |
| C2CD3 | 6438 | 589 | 9.1 | 768 | Nku-G-d-56e04.r1 | 424.9 | 0.0072 | 163.1 | 0.0125 | 0.57469 | 98.47 | 99.15 | 3 | 2 |
| FDFT1 | 1251 | 345 | 27.6 | 25345 | Nku-G-d-26e02.f1 | 281.1 | 0.0110 | 63.9 | 0.0166 | 0.65881 | 97.39 | 98.84 | 3 | 1 |
| SEMA4G (1 OF 2) | 2622 | 212 | 8.1 | 2365 | Nku-G-d-29c08.r1 | 157.3 | 0.0130 | 52.7 | 0.0197 | 0.65931 | 97.14 | 98.57 | 2 | 1 |
| Sl:CH211-210C8 | 774 | 558 | 72.1 | 162668 | Nku-G-d-05b05.f1 | 413.2 | 0.0050 | 144.8 | 0.0072 | 0.68591 | 98.92 | 99.46 | 2 | 1 |
| CAPN5A | 1911 | 535 | 28.0 | 8771 | Nku-G-d-01a05.f1 | 427.2 | 0.0378 | 106.8 | 0.0545 | 0.69227 | 93.82 | 96.07 | 16 | 6 |
| ZDBF2 | 654 | 256 | 39.1 | 59819 | Nku-G-d-18g01.f1 | 207.2 | 0.0148 | 47.8 | 0.0211 | 0.70509 | 96.47 | 98.43 | 3 | 1 |
| TLE4 | 1815 | 323 | 17.8 | 26055 | Nku-G-d-22h05.f1 | 217.2 | 0.0141 | 103.8 | 0.0197 | 0.71466 | 97.2 | 98.44 | 3 | 2 |
| SEC24C | 3576 | 449 | 12.6 | 176336 | Nku-G-d-38e07.f1 | 336.8 | 0.0092 | 110.2 | 0.0091 | 1.00503 | 97.99 | 99.11 | 3 | 1 |
| EVC2 | 3825 | 264 | 6.9 | 175757 | Nku-G-d-58g02.f1 | 171.2 | 0.0126 | 89.8 | 0.0107 | 1.17755 | 96.59 | 98.48 | 2 | 1 |
| MPHOSPH9 | 3333 | 267 | 8.0 | 3343 | Nku-G-d-11a06.f1 | 172.1 | 0.0269 | 94.9 | 0.0209 | 1.28390 | 95.51 | 97.75 | 5 | 2 |
| CIAPIN1 | 945 | 249 | 26.3 | 39469 | Nku-G-d-47h03.r1 | 174.4 | 0.0232 | 74.6 | 0.0142 | 1.63537 | 95.18 | 97.99 | 4 | 1 |
| ATAD5A | 5187 | 971 | 18.7 | 159992 | Nku-G-d-01b05.f1 | 676.7 | 0.0090 | 289.3 | 0.0035 | 2.59650 | 98.14 | 99.28 | 6 | 1 |
| BAIAP2L1A | 1449 | 207 | 14.3 | 160850 | Nku-G-d-22c01.r1 | 184.3 | 0.0000 | 22.7 | 0.0000 | n.a. | 100 | 100 | 0 | 0 |
| UNC93B1 | 1818 | 247 | 13.6 | 194220 | Nku-G-d-17f12.f1 | 191.8 | 0.0106 | 54.2 | 0.0001 | n.a. | 97.56 | 99.19 | 2 | 0 |
| SF1 | 1770 | 156 | 8.8 | 9907 | Nku-G-d-06e03.f1 | 122.7 | 0.0082 | 33.3 | 0.0001 | n.a. | 98.08 | 99.36 | 1 | 0 |
| KDM2AA | 3708 | 275 | 7.4 | 175268 | Nku-G-d-47d07.r1 | 223.6 | 0.0044 | 49.4 | 0.0000 | n.a. | 98.9 | 99.63 | 1 | 0 |
| TBK1 | 2166 | 302 | 13.9 | 9307 | Nku-G-d-06b06.f1 | 214.0 | 0.0095 | 86.0 | 0.0001 | n.a. | 98 | 99.33 | 2 | 0 |
| LRRC34 | 543 | 195 | 35.9 | 72639 | Nku-G-d-12b01.f1 | 131.8 | 0.0273 | 63.2 | 0.0003 | n.a. | 95.38 | 98.46 | 4 | 0 |
| SERINC1 | 1389 | 262 | 18.9 | 33551 | Nku-G-d-58c11.f1 | 218.5 | 0.0000 | 42.5 | 0.0000 | n.a. | 100 | 100 | 0 | 0 |
| HDX | 2124 | 276 | 13.0 | 193833 | Nku-G-d-14c07.f1 | 210.1 | 0.0141 | 65.9 | 0.0001 | n.a. | 96.74 | 98.91 | 3 | 0 |
| ANKRD27 | 2676 | 294 | 11.0 | 207471 | Nku-G-d-47b11.r1 | 202.9 | 0.0052 | 91.1 | 0.0001 | n.a. | 98.98 | 99.66 | 1 | 0 |
| MPP4 (2 OF 3) | 1893 | 349 | 18.4 | 177159 | Nku-G-d-19e05.f1 | 278.7 | 0.0036 | 69.3 | 0.0000 | n.a. | 99.14 | 99.71 | 1 | 0 |
| FRMD1 | 1575 | 282 | 17.9 | 161730 | Nku-G-d-36c11.f1 | 189.1 | 0.0162 | 92.9 | 0.0002 | n.a. | 96.81 | 98.94 | 3 | 0 |
| median | 1,992 | 323 | 17 | | | 243 | 0.0036 | 85 | 0.0211 | 0.1317 | 99.15 | 99.11 | 1.0184 | 2.0567 |
| total | 306528 | 44710 | | | | 32976 | | 11592 | | | | | 177 | 298 |