**Appendix 4.** Average number of reads per amplicon for each gene analyzed.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Chimerical/MID 1 |  | Chimerical/MID 2 |  | Chimerical/MID 3 |  | Chimerical/MID 4 |  | Chimerical/MID 5 |
| Gene | Average reads per amplicon |   | Average reads per amplicon |   | Average reads per amplicon |   | Average reads per amplicon |   | Average reads per amplicon |
| *RHO* | 107 |  | 153 |  | 161 |  | 139 |  | 188 |
| *NR2E3* | 768 |  | 795 |  | 852 |  | 829 |  | 816 |
| *PRPF3* | 634 |  | 802 |  | 772 |  | 715 |  | 857 |
| *PRPF8* | 389 |  | 334 |  | 338 |  | 365 |  | 403 |
| *PRPF31* | 279 |  | 270 |  | 293 |  | 284 |  | 291 |
| *PRPH2* | 250 |  | 251 |  | 238 |  | 234 |  | 319 |
| *KLHL7* | 439 |  | 248 |  | 255 |  | 198 |  | 343 |
| *IMPDH1* | 243 |  | 280 |  | 277 |  | 261 |  | 289 |
| *CRX* | 500 |  | 410 |  | 474 |  | 424 |  | 487 |
| *NRL* | 168 |  | 322 |  | 301 |  | 273 |  | 413 |
| *RP1* | 27 |  | 3 |  | 15 |  | 13 |  | 19 |
| Total | 346 |   | 352 |   | 361 |   | 339 |   | 402 |