| Number of mutations relative to the parental sequence | Total number of reads (P7 Library) | Total number of reads (P3 Library) |
|-----------------------------------------------------|-----------------------------------|-----------------------------------|
| 1                                                   | 0                                 | 0                                 |
| 2                                                   | 0                                 | 7 327                             |
| 3                                                   | 2 901                             | 22 506                            |
| 4                                                   | 15 574                            | 43 731                            |
| 5                                                   | 21 529                            | 47 292                            |
| 6                                                   | 29 761                            | 24 473                            |
| 7                                                   | 35 267                            | 7 888                             |
| 8                                                   | 21 942                            | 1 267                             |
| 9                                                   | 7 813                             | 62                                |
| 10                                                  | 1 290                             | 55                                |
| 11                                                  | 97                                | 74                                |
| 12                                                  | 23                                | 45                                |
| 13                                                  | 14                                | 54                                |
| 14                                                  | 50                                | 32                                |
| 15                                                  | 29                                | 58                                |
| 16                                                  | 37                                | 22                                |
| 17                                                  | 116                               | 19                                |
| 18                                                  | 118                               | 17                                |
| 19                                                  | 125                               | 10                                |
| 20                                                  | 129                               | 0                                 |
| 21                                                  | 73                                | 0                                 |
| 22                                                  | 18                                | 0                                 |
| 23-35                                               | 0                                 | 0                                 |
| 36                                                  | 0                                 | 9                                 |
| 37                                                  | 0                                 | 10                                |
| 38                                                  | 0                                 | 8                                 |
| 39-45                                               | 0                                 | 0                                 |
| 46                                                  | 0                                 | 10                                |
| 47-49                                               | 0                                 | 0                                 |
| 50                                                  | 0                                 | 52                                |
| 51                                                  | 0                                 | 32                                |
| **Total**                                           | **136 906**                       | **155 053**                       |