**Supplementary Table S2. Number of aligned reads for FUS datasets.**

|  |  |  |
| --- | --- | --- |
| **FUS** | Reads after removing adapters and trimming | Uniquely mapped |
| Stable | 9,922,520 | 24.24% |
| Inducible 1 | 8,537,179 | 26.56% |
| Inducible 2 | 3,463,758 | 27.26% |
| R521G | 13,325,493 | 23.13% |
| R521H | 11,022,216 | 21.92% |