**Supplementary File 1.** Nonsense mutation counts from PrimerID sequencing of the influenza PA gene.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A->T | C->A | C->G | C->U | G->A | G->U | U->A | U->G |
| Nonsense mutation targets per 402 base consensus sequence | 16 | 9 | 7 | 5 | 10 | 19 | 9 | 5 |
| Nonsense mutations found in 449,655 cell derived RNA consensus sequences | 5 | 10 | 33 | 9 | 583 | 35 | 16 | 1 |
| Nonsense mutations found in 481,286 viral derived RNA consensus sequences | 10 | 31 | 22 | 11 | 407 | 30 | 15 | 3 |