**Supplementary Tables**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table S1** Sequencing data statistics | | | | | |
| Samples | Clean reads | Clean bases | %≥Q30 | Mapped Reads | Uniq Mapped Reads |
| D12-1 | 21,932,879 | 6,552,289,806 | 0.9182 | 42,815,499 (97.61%) | 37,289,368 (85.01%) |
| D12-2 | 22,049,837 | 6,587,937,802 | 0.9249 | 43,123,510 (97.79%) | 37,538,052 (85.12%) |
| D12-3 | 21,145,870 | 6,331,855,886 | 0.9331 | 41,364,408 (97.81%) | 35,931,867 (84.96%) |
| D16-1 | 30,246,119 | 9,015,227,408 | 0.9233 | 58,226,352 (96.25%) | 50,980,053 (84.28%) |
| D16-2 | 25,264,916 | 7,541,121,128 | 0.9248 | 48,537,905 (96.06%) | 41,808,398 (82.74%) |
| D16-3 | 27,303,992 | 8,143,096,376 | 0.9218 | 52,834,016 (96.75%) | 46,326,646 (84.83%) |
| D8-1 | 22,644,744 | 6,774,399,566 | 0.9354 | 44,368,000 (97.97%) | 38,171,866 (84.28%) |
| D8-2 | 21,882,061 | 6,530,701,134 | 0.9232 | 42,808,496 (97.82%) | 36,949,804 (84.43%) |
| D8-3 | 20,773,643 | 6,212,523,126 | 0.9232 | 40,642,034 (97.82%) | 35,046,518 (84.35%) |
| N12-1 | 26,385,765 | 7,887,645,264 | 0.9407 | 51,344,487 (97.30%) | 44,208,540 (83.77%) |
| N12-2 | 32,222,128 | 9,602,249,418 | 0.9451 | 61,777,844 (95.86%) | 52,062,363 (80.79%) |
| N12-3 | 27,509,906 | 8,215,042,388 | 0.9442 | 53,455,782 (97.16%) | 45,740,875 (83.14%) |
| N16-1 | 27,220,220 | 8,132,626,356 | 0.9409 | 52,799,032 (96.98%) | 45,811,981 (84.15%) |
| N16-2 | 26,469,888 | 7,907,756,116 | 0.9401 | 50,789,814 (95.94%) | 43,463,392 (82.10%) |
| N16-3 | 29,045,813 | 8,669,816,994 | 0.9429 | 56,485,221 (97.23%) | 49,312,915 (84.89%) |
| N8-1 | 27,429,690 | 8,1882,89,024 | 0.943 | 52,492,943 (95.69%) | 43,288,089 (78.91%) |
| N8-2 | 26,761,846 | 7,991,876,366 | 0.9399 | 52,039,500 (97.23%) | 44,189,941 (82.56%) |
| N8-3 | 28,060,447 | 8,384,439,224 | 0.9394 | 54,528,490 (97.16%) | 46,151,476 (82.24%) |