

Table S1. Sequencing output and quality evaluation statistics of 5 libraries

Sample	Raw_reads	Clean_reads	Clean_bases	Error_rate(%)	Q20(%)	Q30(%)	GC_content(%)
H_1	30,394,430	29,646,105	4.45 G	0.03	97.71	93.89	47.56
H_2	32,354,561	31,344,198	4.70 G	0.03	97.66	93.80	47.26
L_1	32,570,211	31,801,606	4.77 G	0.03	97.58	93.71	50.34
L_2	32,903,184	31,887,013	4.78 G	0.03	97.65	93.80	48.24
L_3	27,364,437	26,873,075	4.03 G	0.03	97.68	93.83	47.91

Abbreviations: H_1, sample 1 of high egg-producing; H_2, sample 2 of high egg-producing; L_1, sample 1 of low egg-producing; L_2, sample 2 of low egg-producing; L_3, sample 3 of low egg-producing.