

Table S2 Summary of RNA-seq dataset

Sample	Before Filter			After Filter		
	Before Filter	Q20(%)	Q30(%)	After Filter	Q20(%)	Q30(%)
	Data (bp)			Data(bp)		
L0-1	9857238300	98.04%	94.41%	9814687360	98.10%	94.50%
L0-2	8965222200	98.21%	94.80%	8913533693	98.26%	94.88%
L0-3	8641573200	97.99%	94.33%	8606212927	98.05%	94.41%
S0-1	8494725000	96.59%	91.20%	8457498500	96.66%	91.30%
S0-2	8644629900	97.90%	94.15%	8600900440	97.97%	94.24%
S0-3	8947012800	97.90%	94.12%	8899832343	97.96%	94.21%
R0-1	8302336500	98.05%	94.48%	8260461903	98.12%	94.57%
R0-2	8809115100	98.20%	94.84%	8767295445	98.26%	94.92%
R0-3	8215347600	98.01%	94.42%	8173897399	98.09%	94.52%
L450-1	7125687300	98.28%	94.86%	7091278218	98.33%	94.93%
L450-2	8661701400	98.26%	94.80%	8624913406	98.31%	94.87%
L450-3	7599396000	98.16%	94.72%	7557584160	98.22%	94.80%
S450-1	8493393900	98.05%	94.54%	8454829286	98.12%	94.63%
S450-2	7432692000	98.09%	94.52%	7400053720	98.15%	94.61%
S450-3	8114304000	98.24%	94.81%	8055960813	98.31%	94.91%
R450-1	7897702800	98.13%	94.48%	7865481443	98.19%	94.57%
R450-2	7738799100	98.15%	94.54%	7708731405	98.21%	94.62%
R450-3	7247031600	96.91%	91.73%	7216756536	96.97%	91.82%

Data (PE) = Reads1 Num x Read1 length + Reads2 Num x Read2 length

Data (SE) = Reads Num x Read

length