

Table S3 Transcriptome raw data quality comparison

Sample	Raw reads	Raw bases	Clean reads	Clean bases	Error rate(%)	Q20(%)	Q30(%)	GC content(%)	Total reads	Total mapped	Multiple mapped	Uniquely mapped
M5D_1	44303984	6690000000	44075930	6490000000	0.0239	98.5	95.19	44.4	44075930	42044385(95.39%)	606210(1.38%)	41438175(94.02%)
M5D_2	41337992	6240000000	41111258	6050000000	0.0239	98.5	95.23	44.36	41111258	39185353(95.32%)	552562(1.34%)	38632791(93.97%)
M5D_3	46407626	7010000000	46170572	6800000000	0.0238	98.56	95.36	44.3	46170572	44054082(95.42%)	629892(1.36%)	43424190(94.05%)
M15D_1	42404686	6400000000	42211160	6210000000	0.0237	98.62	95.43	43.62	42211160	27610028(65.41%)	378768(0.9%)	27231260(64.51%)
M15D_2	45742486	6910000000	45510286	6710000000	0.0238	98.56	95.27	43.77	45510286	31939479(70.18%)	453512(1.0%)	31485967(69.18%)
M15D_3	46101092	6960000000	45849306	6660000000	0.024	98.46	95.12	43.99	45849306	30769487(67.11%)	435344(0.95%)	30334143(66.16%)
M25D_1	43259696	6530000000	42944042	6350000000	0.0243	98.35	94.8	43.66	42944042	40392370(94.06%)	608052(1.42%)	39784318(92.64%)
M25D_2	48220670	7280000000	47930386	7100000000	0.024	98.45	95.09	43.9	47930386	44646466(93.15%)	683965(1.43%)	43962501(91.72%)
M25D_3	43883418	6630000000	43601718	6460000000	0.0241	98.44	95.05	43.89	43601718	41125543(94.32%)	615913(1.41%)	40509630(92.91%)
M35D_1	50405082	7610000000	50093842	7420000000	0.024	98.48	95.12	43.8	50093842	39284125(78.42%)	580622(1.16%)	38703503(77.26%)
M35D_2	43945072	6640000000	43689574	6510000000	0.0243	98.34	94.78	43.87	43689574	35571789(81.42%)	509915(1.17%)	35061874(80.25%)
M35D_3	44185536	6670000000	43921572	6490000000	0.0242	98.38	94.89	43.97	43921572	37590512(85.59%)	545754(1.24%)	37044758(84.34%)
M45D_1	45347132	6850000000	45119788	6680000000	0.0238	98.54	95.25	44.01	45119788	35342882(78.33%)	581635(1.29%)	34761247(77.04%)
M45D_2	43881262	6630000000	43610356	6450000000	0.024	98.47	95.13	43.84	43610356	32177823(73.78%)	518690(1.19%)	31659133(72.6%)
M45D_3	46487152	7020000000	45950586	6800000000	0.0247	98.16	94.48	43.79	45950586	38132796(82.99%)	605625(1.32%)	37527171(81.67%)