

Table 1 Statistics of sequencing data quality control

Sample	Clean_Data(Gb)	HQ_Clean_Data(Gb)	Mean Depth	HQ_Q20(%)	HQ_Q30(%)	HQ_GC(%)	Total Read	Total Mapped
D1	26.45	25.58	10.44	24059097349(94.06%)	21830145913(85.34%)	10548200288(41.24%)	174285014	173022409-99.28%
D10	31.33	30.40	12.41	29304999383(96.41%)	27512012246(90.51%)	12712378640(41.82%)	206728992	205323332-99.32%
D2	28.88	27.96	11.41	27065545017(96.81%)	25590920990(91.54%)	11502317622(41.14%)	191013538	189661405-99.29%
D3	26.05	25.15	10.26	24288973785(96.58%)	22883790543(91.0%)	10496664464(41.74%)	172019792	170711399-99.24%
D4	28.66	27.74	11.32	26816586388(96.67%)	25316779997(91.27%)	11714139594(42.23%)	189388416	187810255-99.17%
D5	25.23	24.72	10.09	23117525943(93.53%)	20867765348(84.43%)	10440456233(42.24%)	166802806	165670467-99.32%
D6	31.47	30.49	12.44	29378485795(96.37%)	27554543897(90.38%)	12843649452(42.13%)	207794842	206352877-99.31%
D7	30.23	29.26	11.94	28456002951(97.25%)	27065252955(92.5%)	12303905876(42.05%)	199549666	198274660-99.36%
D8	23.01	22.12	9.03	21326416236(96.4%)	20061982895(90.69%)	9196861663(41.57%)	152183688	151067239-99.27%
D9	25.88	25.15	10.26	24231364410(96.37%)	22772923732(90.57%)	10588901284(42.11%)	171092790	169964477-99.34%