

Table S2 Statistical analysis of data filtering

| Type                            | Numbers         |
|---------------------------------|-----------------|
| Raw Paired-end Reads            | 717,003,644     |
| Clean Paired-end Reads          | 709,205,976     |
| Clean Bases(bp)                 | 104,467,733,997 |
| Clean Paired-end Reads Rate (%) | 98.91           |
| Clean Q30 Bases Rate (%)        | 93.22           |