



BGI Bioinformatics Report for Sequencing

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Results

1 Data Statistics

Raw reads produced from sequencing machines contain dirty reads which contain adapters, unknown or low quality bases. The output statistics of raw data is shown below:

Sample	Length	Q20(%)	Q30(%)	Total Reads	Total Bases
AS1	150;150	94.17;84.52	82.19;66.12	397,753	119,325,900
EV-D10	150;150	95.60;93.69	85.53;82.33	82,296,293	24,688,887,900
NR1	150;150	95.35;94.88	85.44;85.98	22,837,573	6,851,271,900
NR2	150;150	95.59;91.94	85.74;79.61	9,002,099	2,700,629,700
NR3	150;150	96.44;95.32	88.20;86.64	19,717,295	5,915,188,500
NR4	150;150	95.42;88.74	85.67;73.72	22,278,821	6,683,646,300
NR5	150;150	95.75;92.16	86.25;79.86	18,386,066	5,515,819,800
NR6	150;150	96.17;94.48	87.15;84.55	27,192,503	8,157,750,900
NR7	150;150	95.55;89.47	85.77;74.79	16,859,446	5,057,833,800
NR8	150;150	96.30;95.21	87.73;86.32	20,427,001	6,128,100,300
O80	150;150	94.70;85.53	84.15;68.17	140,703	42,210,900
PS23	150;150	87.24;82.28	69.51;63.86	586,070	175,821,000
PS25	150;150	87.82;82.14	70.51;63.33	1,127,678	338,303,400
VL1	150;150	96.11;93.73	87.17;83.13	22,391,993	6,717,597,900
VL2	150;150	95.95;94.39	86.75;84.59	9,836,661	2,950,998,300
VL3	150;150	96.33;94.12	87.83;83.97	17,896,523	5,368,956,900
VL4	150;150	95.95;94.63	86.82;85.05	9,067,011	2,720,103,300
VL5	150;150	95.95;93.37	86.70;82.35	18,856,596	5,656,978,800
VL6	150;150	96.18;94.18	87.39;84.05	9,859,781	2,957,934,300
VL7	150;150	96.13;92.67	87.24;81.05	20,194,359	6,058,307,700
VL8	150;150	96.11;94.30	87.14;84.45	7,067,512	2,120,253,600

Table Format:

1. Sample_name: The name of sample
2. Length: The Length of raw reads
3. Q20 (%): The proportion of nucleotides with quality value larger than 20
4. Q30 (%): The proportion of nucleotides with quality value larger than 30
5. Total Reads: The total number of raw reads
6. Total Bases: The total nucleotides number of raw reads

2 Contact

Add: Beishan Industrial Zone, Yantian District, Shenzhen 518083, China

Tel: +86-755-25273620; 400-706-6615

Service Hotline: 400-706-6615

Customer Service: customer@genomics.com.cn

Technical Support: tech@genomics.com.cn

Complaint Hotline: 010-80481175(Beijing) 0755-25273291(Shenzhen)

