

Table S1 – BL21(DE3) sequencing statistics

Machine	Type of Sequencing	Avg Read Length	Avg Quality	Total Bases
Ion Torrent	Single-end, 318 chip	199	28.84	4.93E+08
Illumina MiSeq	Paired-end 150bp, Nextera Kit	131	34.56	4.97E+08
PacBio RS	Long-insert, 1x120 movies	1909	9.73	8.39E+08