

S1 Table Sample quality control and RNA-seq outcome.

Sample ID	OD260/280	RIN	Total Bases	Total Reads	Mapped Reads
1-Control	2.13	7.4	3,389,172,000	33,891,720	58.08%
2-Control	2.11	7.6	4,010,136,800	40,101,368	50.29%
3-Control	2.10	8.0	4,156,136,800	41,561,368	51.83%
4-Control	2.13	8.2	3,129,473,400	31,294,734	62.31%
5-Control	2.09	7.1	3,422,688,400	34,226,884	58.97%
6-Null	2.11	8.1	3,322,239,000	33,222,390	56.45%
7-Null	2.10	8.9	3,652,915,400	36,529,154	47.91%
8-Null	2.11	8.4	3,291,146,000	32,911,460	52.59%
9-Null	2.12	8.3	4,017,065,800	40,170,658	54.39%
10-Null	2.11	8.3	3,196,424,400	31,964,244	43.99%

An RNA integrity number (RIN) from an Agilent Bioanalyzer within the range of 7-10 indicates high RNA sample quality.