

**Table S3. Number of reads (total reads, mapped reads, unique reads) in RNA-seq (GATA6)**

Sample	Total reads	High quality reads	Total mapped	Percentage	Unique mapped	Percentage
GATA6-Day0-Rep1	30,086,561	30,001,382	28,411,829	94.4%	24,009,935	79.8%
GATA6-Day0-Rep2	25,490,442	25,402,794	24,020,675	94.2%	20,138,374	79.0%
GATA6-Day2-Rep1	24,276,161	24,254,148	22,830,698	94.0%	18,577,517	76.5%
GATA6-Day2-Rep2	21,751,582	21,703,823	20,463,893	94.1%	16,771,812	77.1%
GATA6-Day4-Rep1	26,859,216	26,411,076	24,426,589	90.9%	20,407,868	76.0%
GATA6-Day4-Rep2	23,700,347	23,430,309	21,905,828	92.4%	18,274,571	77.1%
GATA6-Day6-Rep1	26,145,320	25,595,400	23,643,070	90.4%	19,636,629	75.1%
GATA6-Day6-Rep2	30,043,417	29,194,441	26,773,221	89.1%	22,164,643	73.8%