Table S1. Number of reads (total reads, mapped reads, unique reads) in RNA-seq (GATA4)

Sample	Total reads	High quality reads	Total mapped	Percentage	Unique mapped	Percentage
GATA4-Day0-Rep1	25,500,573	25,450,386	23,854,430	93.5%	19,889,704	78.0%
GATA4-Day0-Rep2	26,554,595	26,495,068	24,933,869	93.9%	21,056,957	79.3%
GATA4-Day2-Rep1	26,819,723	26,767,245	25,420,129	94.8%	21,324,257	79.5%
GATA4-Day2-Rep2	25,970,156	25,895,700	24,451,028	94.2%	20,514,727	79.0%
GATA4-Day4-Rep1	23,053,997	23,015,078	21,613,845	93.8%	18,095,361	78.5%
GATA4-Day4-Rep2	22,218,573	22,189,392	20,219,789	91.0%	16,739,133	75.3%
GATA4-Day6-Rep1	22,025,003	21,276,165	19,794,347	89.9%	16,560,065	75.2%
GATA4-Day6-Rep2	23,349,395	22,846,388	20,888,686	89.5%	17,555,522	75.2%