

**Table S5. Number of reads (total reads, mapped reads, unique reads) in ChIP-seq**

Sample	Total reads	High quality reads	Total mapped	Percentage	Unique mapped	Percentage
GATA4-Day6-Rep1	28,499,634	27,939,267	26,201,091	91.9%	19,351,893	67.9%
GATA4-Day6-Rep2	47,438,044	47,381,257	42,514,386	89.6%	29,502,296	62.2%
GATA4-Day6-Input	41,732,808	41,530,132	40,837,336	97.8%	30,176,355	72.3%
GATA6-Day6-Rep2	33,079,664	32,606,265	29,990,603	90.7%	21,766,548	65.8%
GATA6-Day6-Rep1	33,377,431	33,346,539	30,250,402	90.6%	22,197,900	66.5%
GATA6-Day6-Input	49,729,886	49,602,344	48,739,956	98.0%	35,064,858	70.5%