

Sample ID	TotalRawReads	OverallAlignmentRate	finalMappedReads	finalMappedPerc	chrMcount	chrMPerc	blackListCount	blackListPerc	qcFilteredCount	qcFilteredPerc	DuplicateCount	dupPerc	TSS
SSc-Reg_1736_t1	40416444	96.83%	28903734	71.51%	3745095	4.63%	0	0%	12678052	15.68%	4043698	5%	17.7
SSc-Reg_1891_t1	15912755	95.57%	7422303	46.64%	10947758	34.40%	0	0%	3510354	11.03%	1113706	3.50%	26.3
SSc-Reg_1736_t2	20264742	96.96%	14628532	72.19%	2726442	6.73%	0	0%	6249731	15.42%	1063628	2.62%	12.6
SSc-Reg_1891_t2	22773257	95.45%	16304723	71.60%	794140	1.74%	0	0%	6675629	14.66%	3392814	7.45%	22.7
SSc-Reg_1736_t3	16879942	97.63%	13123035	77.74%	1153612	3.42%	0	0%	4690523	13.89%	869816	2.58%	15
SSc-Reg_1891_t3	20072572	95.10%	14600372	72.74%	837092	2.09%	0	0%	5746626	14.31%	2392152	5.96%	20.9
SSc-Reg_1753_t1	16008123	97.54%	12329532	77.02%	1028818	3.21%	0	0%	4810927	15.03%	730464	2.28%	13.4
SSc-Reg_1896_t1	19843555	95.22%	14409563	72.62%	700624	1.77%	0	0%	5646163	14.23%	2622298	6.61%	22.6
SSc-Reg_1753_t2	28928798	96.84%	20992936	72.57%	2505027	4.33%	0	0%	9424517	16.29%	2116722	3.66%	16.2
SSc-Reg_1896_t2	33421752	95.18%	23840338	71.33%	1345598	2.01%	0	0%	9894016	14.80%	4699086	7.03%	20.4
SSc-Reg_1753_t3	28802582	97.21%	21666065	75.22%	1144756	1.99%	0	0%	9158297	15.90%	2362014	4.10%	17.7
SSc-Reg_1896_t3	35194342	95.05%	24708975	70.21%	2381504	3.38%	0	0%	10321740	14.66%	4782008	6.79%	20.4
SSc-Reg_1759_t1	10331426	97.58%	7715772	74.68%	308099	1.49%	0	0%	3141997	15.21%	1280352	6.20%	9.7
SSc-Reg_1904_t1	44272014	94.99%	31358393	70.83%	1720251	1.94%	0	0%	13056402	14.75%	6616684	7.47%	17.6
SSc-Reg_1759_t2	27684623	97.17%	20767237	75.01%	456677	0.82%	0	0%	10361909	18.71%	1446500	2.61%	7.4
SSc-Reg_1904_t2	35013059	94.89%	24913356	71.15%	2907656	4.15%	0	0%	9909838	14.15%	3800234	5.43%	16.2
SSc-Reg_1759_t3	24128415	97.58%	17364783	71.97%	3377036	7%	0	0%	7187082	14.89%	1796744	3.72%	17.5
SSc-Reg_1904_t3	19720905	94.82%	14572732	73.89%	973576	2.47%	0	0%	6248996	15.84%	1032514	2.62%	12.8
SSc-Reg_1469_t1	31660240	96.71%	24122296	76.19%	872936	1.38%	0	0%	10174554	16.07%	1943064	3.07%	14.5
SSc-Reg_1906_t1	23909814	95.54%	17811349	74.49%	596113	1.25%	0	0%	7880490	16.48%	1586112	3.32%	7.9
SSc-Reg_1822_t1	39308463	95.85%	26863365	68.34%	2188862	2.78%	0	0%	11458240	14.57%	7977218	10.15%	19.6
SSc-Reg_1837_t1	30601563	96.47%	22008856	71.92%	1506794	2.46%	0	0%	9095736	14.86%	4425470	7.23%	17
SSc-Reg_1904_t2	49766121	96.77%	35133026	70.60%	1997334	2.01%	0	0%	16581315	16.66%	7472936	7.51%	15.6
SSc-Reg_1469_t2	29986741	96.35%	22364409	74.58%	1188925	1.98%	0	0%	9749302	16.26%	2119688	3.53%	16.7
SSc-Reg_1906_t2	18472498	94.95%	13838110	74.91%	758915	2.05%	0	0%	5566661	15.07%	1077702	2.92%	15
SSc-Reg_1469_t3	20013517	96.79%	15400975	76.95%	830317	2.07%	0	0%	5688704	14.21%	1421950	3.55%	19
SSc-Reg_1906_t3	25640576	95.20%	18942412	73.88%	1174582	2.29%	0	0%	7510833	14.65%	2246942	4.38%	18.5
SSc-Reg_1858_t1	29717484	96.89%	22362218	75.25%	1275996	2.15%	0	0%	8437052	14.20%	3151232	5.30%	20
SSc-Reg_1919_t1	14284008	95.32%	10682288	74.78%	838565	2.94%	0	0%	4274945	14.96%	752668	2.63%	17.3
SSc-Reg_1858_t2	21081680	97.30%	16435199	77.96%	974073	2.31%	0	0%	6058122	14.37%	1120980	2.66%	15.1
SSc-Reg_1919_t2	12278673	94.46%	9135989	74.41%	503190	2.05%	0	0%	3972332	16.18%	449246	1.83%	12.8
SSc-Reg_1858_t3	25385928	97.12%	18347205	72.27%	1182737	2.33%	0	0%	8367522	16.48%	3065580	6.04%	14
SSc-Reg_1919_t3	22861039	95.36%	16756757	73.30%	995592	2.18%	0	0%	6704086	14.66%	2388854	5.22%	21.4
SSc-Reg_1823_t1	33342850	96.89%	24269777	72.79%	2797356	4.19%	0	0%	10329672	15.49%	2946970	4.42%	17.6
SSc-Reg_1823_t2	18106070	97.80%	13927026	76.92%	1442896	3.98%	0	0%	5201316	14.36%	917170	2.53%	16.2
SSc-Reg_1823_t3	27298678	97.23%	20854562	76.39%	1252911	2.29%	0	0%	8202298	15.02%	1919136	3.52%	17
SSc-Reg_1916_t1	33667573	96.24%	23647974	70.24%	5337396	7.93%	0	0%	9491786	14.10%	2680096	3.98%	12.8
SSc-Reg_1916_t2	28960237	96.43%	21576444	74.50%	2426102	4.19%	0	0%	8225160	14.20%	2051238	3.54%	16.7
SSc-Reg_1822_t2	42571154	95.63%	29009220	68.14%	3361925	3.95%	0	0%	12037647	14.14%	8003060	9.40%	20.3
SSc-Reg_1837_t2	55650708	96.07%	38616734	69.39%	4747122	4.27%	0	0%	17968959	16.14%	6973798	6.27%	14.7
SSc-Reg_1916_t3	56554146	95.84%	40298648	71.26%	2451324	2.17%	0	0%	19033745	16.83%	6324342	5.59%	16.4
SSc-Reg_1822_t3	30889736	96.03%	21373794	69.19%	1185332	1.92%	0	0%	8773059	14.20%	6623850	10.72%	19.1
SSc-Reg_1837_t3	72059441	95.66%	49422677	68.59%	2949803	2.05%	0	0%	23817519	16.53%	12255574	8.50%	16.8
SSc-Reg_1832_t1	42386961	97.68%	30442388	71.82%	6562618	7.74%	0	0%	12098565	14.27%	3265018	3.85%	14.2
SSc-Reg_1861_t1	43832686	96.08%	29132397	66.46%	1043041	1.19%	0	0%	12968909	14.79%	11953564	13.64%	19.9
SSc-Reg_1832_t2	80440865	96.96%	56206735	69.87%	8211689	5.10%	0	0%	25572460	15.90%	9800978	6.09%	13
SSc-Reg_1861_t2	35489222	95.86%	24531895	69.12%	1994863	2.81%	0	0%	10504709	14.80%	6474794	9.12%	17.3
SSc-Reg_1832_t3	51220870	97%	37328610	72.88%	2634904	2.57%	0	0%	15230786	14.87%	6842212	6.68%	16.8
SSc-Reg_1861_t3	34495060	95.88%	22490966	65.20%	1508123	2.19%	0	0%	9901992	14.35%	9758632	14.14%	21.4
SSc-Reg_1073_t1	44895830	97.27%	34217037	76.21%	2029124	2.26%	0	0%	12740081	14.19%	4140254	4.61%	15.7
SSc-Reg_1886_t1	18326765	95.10%	11322781	61.78%	6192622	16.90%	0	0%	5008384	13.66%	1011396	2.76%	14.5
SSc-Reg_1073_t2	44549409	96.55%	31877010	71.55%	2558428	2.87%	0	0%	14505529	16.28%	5203210	5.84%	18.6
SSc-Reg_1886_t2	25858442	95.16%	14378683	55.61%	11411239	22.06%	0	0%	6815625	13.18%	2227194	4.31%	17.6
SSc-Reg_1073_t3	53343183	96.61%	37618376	70.52%	4033189	3.78%	0	0%	19191802	17.99%	4612126	4.32%	14.2
SSc-Reg_1886_t3	16035523	95.39%	9731575	60.69%	5856874	18.26%	0	0%	4525163	14.11%	746986	2.33%	14.8

Supplemental Table 2: QC Table. Quality Check metrics of ATAC-seq libraries for Ssc study.