

Sup. Table 5. Reads and Mapping statistics

Tomato														
Reas_stats			bam stats no filter						Bam stats >57					
library	raw_reads	%raw_reads_q<30	reads_in_bam	mapped_reads	%mapped	properly_paired	%properly	%duplicated_reads	reads_in_bam	mapped_reads	%mapped	properly_paired	%properly	%duplicated_reads
BGV006347	3109146	96.9	3109146	3053905	98.2	2848552	91.6	0	2124332	2124332	68.3%	2082355	67.0%	0
BGV006777	9049310	97.5	9049310	8946723	98.9	8545940	94.4	0	6917286	6917286	76.4%	6807863	75.2%	0
BGV006784	1395390	96.5	1395390	1368657	98.1	1282412	91.9	0	1012081	1012081	72.5%	989824	70.9%	0
BGV006792	2614570	97.3	2614570	2583000	98.8	2436978	93.2	0	1894988	1894988	72.5%	1861290	71.2%	0
BGV007145	2136394	96.9	2136394	2101147	98.4	1964098	91.9	0	1619356	1619356	75.8%	1588883	74.4%	0
BGV007155	1725058	96.8	1725058	1693701	98.2	1595958	92.5	0	1313285	1313285	76.1%	1286524	74.6%	0
BGV007161	2684288	96.3	2684288	2639899	98.3	2488608	92.7	0	1963881	1963881	73.2%	1926893	71.8%	0
BGV007867	1890570	96.3	1890570	1859429	98.4	1750774	92.6	0	1485239	1485239	78.6%	1450157	76.7%	0
BGV007869	3762642	97.1	3762642	3723856	99	3527674	93.8	0	2855539	2855539	75.9%	2796573	74.3%	0
BGV007900	3400540	96.6	3400540	3360606	98.8	3181976	93.6	0	2604695	2604695	76.6%	2552156	75.1%	0
Heinz1706-2	1837322	96.6	1837322	1800028	98	1701162	92.6	0	1379463	1379463	75.1%	1342483	73.1%	0
Heinz1706	2235912	97.1	2235912	2212312	98.9	2099146	93.9	0	1749362	1749362	78.2%	1713238	76.6%	0
HEINZ+LA1589-2	4122630	97.5	4122630	4063211	98.6	3820806	92.7	0	2929913	2929913	71.1%	2872473	69.7%	0
HEINZ+LA1589	2292108	96.9	2292108	2258330	98.5	2112176	92.1	0	1658706	1658706	72.4%	1623330	70.8%	0
LA1589-2	1688210	96.6	1688210	1650068	97.7	1539184	91.2	0	1132858	1132858	67.1%	1105965	65.5%	0
LA1589	2597392	96.1	2597392	2548188	98.1	2364862	91	0	1782020	1782020	68.6%	1743175	67.1%	0
LA2263	3207116	96.5	3207116	3163072	98.6	2932696	91.4	0	2344777	2344777	73.1%	2297594	71.6%	0
LA2312	3236352	97.2	3236352	3201903	98.9	3049030	94.2	0	2525399	2525399	78.0%	2481945	76.7%	0
LA2843	5754286	97.3	5754286	5694567	99	5404532	93.9	0	4385126	4385126	76.2%	4310240	74.9%	0
Wheat														
Reas_stats			bam stats no filter						Bam stats >57					
sample	raw_reads	%raw_reads_q<30	reads_in_bam	mapped_reads	%mapped	properly_paired	%properly	%duplicated_reads	reads_in_bam	mapped_reads	%mapped	properly_paired	%properly	%duplicated_reads
5	10797584	97.1	10786324	10522136	97.6	8778326	81.4	0.0	756239	756239	7.0	720872	44018	0.0
AGL-001	3895132	97.1	3891220	3835473	98.6	3638440	93.5	0.0	1165378	1165378	44103	1148901	43980	0.0
AGL-022	2181276	97.2	2179264	2144803	98.4	2052446	94.2	0.0	711571	711571	32.7	702280	32.2	0.0
AGL-601	1804646	97.1	1802874	1778729	98.7	1727924	95.8	0.0	699750	699750	38.8	692810	38.4	0.0
AGL-635	822692	96.6	821740	798957	97.2	759284	92.4	0.0	275216	275216	33.5	271974	33.1	0.0
JG-1	11750190	96.9	11740210	11562407	98.5	10848940	92.4	0.0	2003827	2003827	43847	1963156	44028	0.0
JG-6	9634370	97.0	9624976	9485547	98.6	9011216	93.6	0.0	1922227	1922227	20.0	1889794	44001	0.0
JG-9	11351450	97.3	11342150	11176413	98.5	9997664	88.1	0.0	1082686	1082686	43960	1045798	43870	0.0
M5	1674292	97.4	1672136	1648781	98.6	1589920	95.1	0.0	624742	624742	37.4	617895	37.0	0.0
SVEVO	8837918	97.2	8830708	8730903	98.9	8469834	95.9	0.0	3059690	3059690	34.6	3029728	34.3	0.0
Dog														
Reas_stats			bam stats no filter						Bam stats >57					
18-1607	2917520	96.7	2915624	2882978	98.8	2791176	95.7	0.0	2700422	2700422	92.6	2637468	90.4	0.0
18-231	6006594	96.2	6002540	5948047	99.0	5765142	96.0	0.0	5492141	5492141	91.4	5382732	89.6	0.0
19-353	4562442	96.5	4559602	4521292	99.1	4381804	96.0	0.0	4170048	4170048	91.4	4087295	89.6	0.0
19-730	2006520	96.2	2005176	1979984	98.7	1919324	95.7	0.0	1831019	1831019	91.3	1794421	89.4	0.0
19-821	14336652	96.2	14327874	14227315	99.2	13812776	96.3	0.0	13151261	13151261	91.7	12911401	90.1	0.0
19-827	50522266	96.2	50491188	50162687	99.3	48413780	95.8	0.0	46829228	46829228	92.7	45708809	90.5	0.0
Potato														
Reas_stats			bam stats no filter						Bam stats >57					
Rudolph	2771878	97.0	2766440	2678469	96.6	2453710	88.5	0.0	1430893	1430893	51.6	1393103	50.3	0.0
Eggplant														
Reas_stats			bam stats no filter						Bam stats >57					
Listada	2334444	96.9	2330440	2246368	96.2	2063334	88.4	0.0	282126	1282126	54.9	1262873	54.1	0.0
Pepper														
Reas_stats			bam stats no filter						Bam stats >57					

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Dulcinea	1355328	97.4		1351854	1321858	97.5		1254046	92.5	0.0			1003401	1003401	74.0		989987	73.0	0.0
<b>Petunia</b>																			
	LIBRARY STATS																		
	Reas_stats				bam stats no filter							Bam stats >57							
Petunia-hibrida	1683972	96.9		1677882	1642380	97.9		1507054	89.8	0.0		722871	722871	43.1		702592	41.9	0	