

Sample ID	Reads mapped to OT	Reads mapped to FT	Raw reads	% Mapped to OT	% Mapped to FT
S6_I100	9735457	9773527	11474575	84.84	85.18
S7_I100	12415299	12470125	16054937	77.33	77.67
S8_I100	12554161	12611211	15676860	80.08	80.44
S3_I25	15442603	15525613	18279264	84.48	84.94
S4_I25	11853799	11926947	16032615	73.94	74.39
S5_I25	9774707	9836335	14325788	68.23	68.66
Total	71776027	72143758	91844039	78.15	78.55

**Supplemental Table 1.** Read mapping rates against the original transcriptome (OT) from Stonebloom and Scheller vs the filtered transcriptome (FT). I100 and I25 refer to the irrigation scheme described in the text.