

**S2 Table The most significantly associated DNA variants for oil and protein**

DNA Variants			Oil Content		Protein Content	
ID	Chr	Position	P value	MarkerR2	P value	MarkerR2
DT15_3875621	15	3875621	1.81E-07	0.04367	9.72E-07	0.05751
DT15_3875101	15	3875101	2.99E-06	0.04158	9.16E-06	0.03758
DA15_3874703	15	3874703	3.12E-06	0.03355	1.21E-06	0.04487