

Table S2 Annotation of Wild Emmer alpha gliadin gene region			
Annotation	Gene symbol	Start	End
A genome			
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-A1	1	3586
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-A2	23910	27576
alpha gliadin	Td- α -A1	66882	67805
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-A3	116117	119998
alpha gliadin	Td- α -A2	288446	289324
alpha gliadin	Td- α -A3	485701	486485
alpha gliadin	Td- α -A4	579661	580519
alpha gliadin	Td- α -A5	688247	689105
alpha gliadin	Td- α -A6	768290	768872
alpha gliadin	Td- α -A7	846092	846787
alpha gliadin	Td- α -A8	1181702	1182550
alpha gliadin	Td- α -A9	1199905	1200750
alpha gliadin	Td- α -A10	1246292	1247125
alpha gliadin	Td- α -A11	1384965	1385801
alpha gliadin	Td- α -A12	1530235	1531079
alpha gliadin	Td- α -A13	1565823	1566668
alpha gliadin	Td- α -A14	1655706	1656599
alpha gliadin	Td- α -A15	1728431	1729300
alpha gliadin	Td- α -A16	1807910	1808365
alpha gliadin	Td- α -A17	1829818	1830684
alpha gliadin	Td- α -A18	1891268	1892112
alpha gliadin	Td- α -A19	2334062	2335349
alpha gliadin	Td- α -A20	2411571	2412431
alpha gliadin	Td- α -A21	2458854	2459711
alpha gliadin	Td- α -A22	2513911	2514769
alpha gliadin	Td- α -A23	2540755	2541609
alpha gliadin	Td- α -A24	2600291	2601139
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-A4	2890723	2896285
B Genome			
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-B1	1	3731
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-B2	54928	58529
alpha gliadin	Td- α -B1	109390	110334
alpha gliadin	Td- α -B2	155497	156492
alpha gliadin	Td- α -B3	161272	162294
alpha gliadin	Td- α -B4	178698	179666
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-B3	215220	218859
alpha gliadin	Td- α -B5	237980	238906
alpha gliadin	Td- α -B6	266320	267237
alpha gliadin	Td- α -B7	563035	585104
alpha gliadin	Td- α -B8	591900	614063
alpha gliadin	Td- α -B9	632272	633084

alpha gliadin	Td- α -B10	764551	765088
alpha gliadin	Td- α -B11	769182	769412
alpha gliadin	Td- α -B12	790309	790977
alpha gliadin	Td- α -B13	811179	811553
alpha gliadin	Td- α _B14	838867	839012
alpha gliadin	Td- α -B15	860314	861198
alpha gliadin	Td- α -B16	865290	874116
Glucan endo-1,3-beta-glucosidase 3	Td-GLR-B4	908912	912488