

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
GRC_GDPv2-586	DWRC-1159	T.durum	Landrace	1.00E-04	1.00E-04	0.162816	0.4252	0.013279	1.00E-04	1.00E-04	0.100859	0.297445	ABYS_LND
ETH_GDPv2-592	DWRC-1166	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.423602	0.007533	0.220582	0.265124	0.08276	1.00E-04	ABYS_LND
ETH_GDPv2-594	DWRC-1174	T.durum	Landrace	0.070314	1.00E-04	1.00E-04	0.785506	0.084336	0.059345	1.00E-04	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-595	DWRC-1175	T.durum	Landrace	0.067696	1.00E-04	1.00E-04	0.860841	0.031433	0.03953	1.00E-04	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-596	DWRC-1176	T.durum	Landrace	0.095176	1.00E-04	1.00E-04	0.796456	0.064305	0.043564	1.00E-04	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-601	DWRC-1184	T.durum	Landrace	1.00E-04	0.009004	0.005464	0.304155	0.152877	0.218634	0.207208	0.102458	1.00E-04	ABYS_LND
YEM_GDPv2-607	DWRC-1196	T.durum	Landrace	0.00708	0.008316	1.00E-04	0.525275	0.388978	0.047051	0.023	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-617	DWRC-1209	T.durum	Landrace	0.055614	1.00E-04	1.00E-04	0.85612	0.07909	0.000346	0.008432	1.00E-04	1.00E-04	ABYS_LND
SAU_GDPv2-619	DWRC-1212	T.durum	Landrace	0.043009	1.00E-04	1.00E-04	0.323793	0.317416	0.119404	0.112128	0.029323	0.054728	ABYS_LND
ETH_GDPv2-622	DWRC-1217	T.durum	Landrace	0.071422	1.00E-04	1.00E-04	0.858381	0.057002	0.001485	0.01131	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-623	DWRC-1218	T.durum	Landrace	0.053739	1.00E-04	1.00E-04	0.797294	0.113758	0.03471	1.00E-04	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-625	DWRC-1222	T.durum	Landrace	0.075139	9.99E-05	9.99E-05	0.924162	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	ABYS_LND
TUN_GDPv2-672	DWRC-1304	T.durum	Landrace	0.013676	1.00E-04	1.00E-04	0.573246	0.207585	0.03532	0.169772	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-673	DWRC-1305	T.durum	Landrace	0.021356	1.00E-04	1.00E-04	0.752727	0.135951	0.089466	1.00E-04	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-682	DWRC-1316	T.durum	Landrace	0.03874	9.99E-05	9.99E-05	0.960561	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	ABYS_LND
TUN_GDPv2-694	DWRC-1332	T.durum	Landrace	0.014521	0.006086	0.026688	0.427468	0.087921	0.111113	0.232397	0.093706	1.00E-04	ABYS_LND
ETH_GDPv2-745	DWRC-2025	T.durum	Landrace	0.010171	0.004747	1.00E-04	0.961319	1.00E-04	0.015608	1.00E-04	0.007755	1.00E-04	ABYS_LND
EGY_GDPv2-785	DWRC-1954	T.polonicum	Landrace	0.070487	1.00E-04	1.00E-04	0.87964	0.034786	0.009311	0.005376	1.00E-04	1.00E-04	ABYS_LND
ETH_GDPv2-786	DWRC-1955	T.polonicum	Landrace	0.071665	0.009	1.00E-04	0.778156	0.103672	0.024352	1.00E-04	0.012855	1.00E-04	ABYS_LND
TUR_GDPv2-791	DWRC-1962	T.turgidum	Landrace	1.00E-04	1.00E-04	0.156004	0.336158	0.07524	1.00E-04	1.00E-04	0.192224	0.239975	ABYS_LND
PRT_GDPv2-795	DWRC-1968	T.turgidum	Landrace	1.00E-04	1.00E-04	0.123293	0.762364	1.00E-04	1.00E-04	1.00E-04	0.036204	0.07764	ABYS_LND
GEO_GDPv2-802	DWRC-1979	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.157627	0.410394	1.00E-04	1.00E-04	1.00E-04	0.140522	0.290958	ABYS_LND
RUS_GDPv2-804	DWRC-1981	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.135249	0.757265	1.00E-04	1.00E-04	1.00E-04	0.027845	0.079141	ABYS_LND
GEO_GDPv2-805	DWRC-1982	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.1215	0.759539	1.00E-04	1.00E-04	1.00E-04	0.034861	0.0836	ABYS_LND
RUS_GDPv2-806	DWRC-1983	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.141673	0.7639	1.00E-04	1.00E-04	1.00E-04	0.016645	0.077282	ABYS_LND
TUR_GDPv2-807	DWRC-1984	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.122884	0.723254	1.00E-04	1.00E-04	1.00E-04	0.070229	0.083134	ABYS_LND
GEO_GDPv2-808	DWRC-1985	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.120043	0.759573	1.00E-04	1.00E-04	1.00E-04	0.026747	0.093137	ABYS_LND
GEO_GDPv2-809	DWRC-1986	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.129223	0.756307	1.00E-04	1.00E-04	1.00E-04	0.035301	0.078669	ABYS_LND
ETH_GDPv2-810	DWRC-2018	T.turgidum	Landrace	0.061767	9.99E-05	9.99E-05	0.885453	0.05218	9.99E-05	9.99E-05	9.99E-05	9.99E-05	ABYS_LND
ETH_GDPv2-811	DWRC-2019	T.durum	Landrace	0.048655	9.99E-05	9.99E-05	0.907918	0.042827	9.99E-05	9.99E-05	9.99E-05	9.99E-05	ABYS_LND
na_GDPv2-812	DWRC-2020	T.aethiopicum	Landrace	0.024283	9.99E-05	9.99E-05	0.975017	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	ABYS_LND
ETH_GDPv2-817	DWRC-2027	T.durum	Landrace	0.056079	9.99E-05	9.99E-05	0.90953	0.033791	9.99E-05	9.99E-05	9.99E-05	9.99E-05	ABYS_LND
GEO_GDPv2-818	DWRC-2138	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.112264	0.754314	1.00E-04	1.00E-04	1.00E-04	0.074599	0.058324	ABYS_LND
GEO_GDPv2-819	DWRC-2139	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.122179	0.764429	1.00E-04	1.00E-04	1.00E-04	0.046336	0.066556	ABYS_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
ESP_GDPv2-936	DWRC-1678	T.dicoccum	D_Emmer	0.035127	1.00E-04	0.011338	0.416372	1.00E-04	0.281576	0.255188	1.00E-04	1.00E-04	ABYS_LND
na_GDPv2-957	DWRC-1987	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.12765	0.70895	1.00E-04	1.00E-04	1.00E-04	0.074811	0.08809	ABYS_LND
na_GDPv2-958	DWRC-1989	T.carthlicum	Landrace	1.00E-04	0.021041	1.00E-04	0.264405	0.079872	0.26182	0.18921	0.183352	1.00E-04	ABYS_LND
ARG_GDPv2-043	DWRC-0169	T.durum	Landrace	0.033456	1.00E-04	0.016079	0.058616	0.071395	0.495534	0.32258	1.00E-04	0.002139	EEU_LND
HUN_GDPv2-1007	DWRC-2232	T.durum	Landrace	0.001392	0.143994	0.113546	1.00E-04	0.077345	0.270818	0.231849	0.14705	0.013906	EEU_LND
ICARDA_GDPv2-193	DWRC-0685	T.durum	Landrace	0.027476	0.029487	1.00E-04	0.027209	0.307127	0.522193	0.051914	1.00E-04	0.034395	EEU_LND
CND_GDPv2-221	DWRC-0729	T.durum	Landrace	0.085954	1.00E-04	0.054106	1.00E-04	0.022528	0.830933	1.00E-04	1.00E-04	0.006079	EEU_LND
USA_GDPv2-366	DWRC-2087	T.durum	Landrace	9.99E-05	9.99E-05	0.030558	9.99E-05	9.99E-05	0.968742	9.99E-05	9.99E-05	9.99E-05	EEU_LND
USA_GDPv2-387	DWRC-2160	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.233918	0.67864	0.077783	0.00916	1.00E-04	EEU_LND
AUS_GDPv2-392	DWRC-2186	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.085275	0.503251	0.211646	0.164523	0.034906	EEU_LND
KAZ_GDPv2-394	DWRC-2215	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	EEU_LND
POL_GDPv2-400	DWRC-2228	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.025775	0.027037	0.92018	0.026508	1.00E-04	1.00E-04	EEU_LND
JOR_GDPv2-557	DWRC-1008	T.durum	Landrace	0.045271	1.00E-04	0.067778	1.00E-04	0.02655	0.789584	0.070418	1.00E-04	1.00E-04	EEU_LND
TUR_GDPv2-558	DWRC-1009	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.306485	0.53059	0.096904	0.065521	1.00E-04	EEU_LND
TUR_GDPv2-561	DWRC-1012	T.durum	Landrace	1.00E-04	0.022578	1.00E-04	1.00E-04	0.063596	0.581541	0.173599	0.158285	1.00E-04	EEU_LND
ESP_GDPv2-565	DWRC-1029	T.durum	Landrace	1.00E-04	0.106645	0.074391	0.007694	1.00E-04	0.551085	0.242943	1.00E-04	0.016941	EEU_LND
KAZ_GDPv2-573	DWRC-1121	T.durum	Landrace	1.00E-04	0.016484	1.00E-04	0.03747	0.028916	0.910636	0.006095	1.00E-04	1.00E-04	EEU_LND
KAZ_GDPv2-574	DWRC-1122	T.durum	Landrace	0.012237	0.012121	0.053692	0.016875	0.019643	0.875702	1.00E-04	1.00E-04	0.00953	EEU_LND
DZA_GDPv2-588	DWRC-1161	T.durum	Landrace	0.07576	1.00E-04	0.050794	1.00E-04	0.020955	0.842345	1.00E-04	1.00E-04	0.009747	EEU_LND
TUR_GDPv2-597	DWRC-1177	T.durum	Landrace	1.00E-04	0.001605	1.00E-04	0.016643	0.403227	0.503463	0.047906	0.026857	1.00E-04	EEU_LND
AFG_GDPv2-599	DWRC-1182	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.038698	0.710682	0.25002	9.99E-05	9.99E-05	EEU_LND
AFG_GDPv2-600	DWRC-1183	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.252143	0.593447	0.070359	0.083551	1.00E-04	EEU_LND
KAZ_GDPv2-605	DWRC-1193	T.durum	Landrace	1.00E-04	0.053046	0.029367	0.02531	0.005069	0.794796	0.037811	0.016754	0.037747	EEU_LND
ARM_GDPv2-613	DWRC-1203	T.durum	Landrace	1.00E-04	1.00E-04	0.006841	1.00E-04	0.061003	0.694156	0.221808	0.015792	1.00E-04	EEU_LND
ARM_GDPv2-615	DWRC-1206	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.344225	0.593601	0.025073	0.036601	1.00E-04	EEU_LND
DZA_GDPv2-640	DWRC-1243	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.980991	9.99E-05	0.018309	9.99E-05	EEU_LND
PRT_GDPv2-643	DWRC-1246	T.durum	Landrace	0.031325	1.00E-04	1.00E-04	0.025434	0.28853	0.303542	0.264848	0.086021	1.00E-04	EEU_LND
TUN_GDPv2-645	DWRC-1248	T.durum	Landrace	1.00E-04	0.012476	1.00E-04	1.00E-04	0.043783	0.457809	0.333863	0.151669	1.00E-04	EEU_LND
TUN_GDPv2-648	DWRC-1257	T.durum	Landrace	1.00E-04	0.002685	1.00E-04	1.00E-04	1.00E-04	0.660188	0.324473	0.012154	1.00E-04	EEU_LND
TUN_GDPv2-650	DWRC-1259	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.072103	0.804702	0.093927	0.028769	1.00E-04	EEU_LND
UKR_GDPv2-651	DWRC-1260	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	EEU_LND
UKR_GDPv2-652	DWRC-1261	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.018418	0.846308	0.076628	0.058147	1.00E-04	EEU_LND
IRQ_GDPv2-666	DWRC-1287	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.208195	0.791105	9.99E-05	9.99E-05	9.99E-05	EEU_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
SRB_GDPv2-667	DWRC-1288	T.durum	Landrace	0.027202	1.00E-04	0.033966	1.00E-04	0.037898	0.900434	1.00E-04	1.00E-04	1.00E-04	EEU_LND
USA_GDPv2-668	DWRC-1294	T.durum	Landrace	1.00E-04	0.007451	1.00E-04	0.012424	0.410552	0.49417	0.043301	0.030965	0.000937	EEU_LND
CYP_GDPv2-685	DWRC-1321	T.durum	Landrace	0.003507	1.00E-04	1.00E-04	1.00E-04	0.319147	0.326736	0.301607	0.048603	1.00E-04	EEU_LND
AFG_GDPv2-686	DWRC-1322	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.107905	0.689588	0.157925	0.044082	1.00E-04	EEU_LND
IRN_GDPv2-688	DWRC-1324	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.360712	0.52448	0.06765	0.046659	1.00E-04	EEU_LND
BGR_GDPv2-692	DWRC-1329	T.durum	Landrace	1.00E-04	1.00E-04	0.019176	0.004178	0.397029	0.516924	0.017426	0.044966	1.00E-04	EEU_LND
GRC_GDPv2-703	DWRC-1354	T.durum	Landrace	0.022604	1.00E-04	1.00E-04	1.00E-04	0.246949	0.469017	0.220174	0.040856	1.00E-04	EEU_LND
GRC_GDPv2-704	DWRC-1355	T.durum	Landrace	0.019526	1.00E-04	1.00E-04	0.016136	1.00E-04	0.556754	0.291681	0.113777	0.001827	EEU_LND
GRC_GDPv2-705	DWRC-1357	T.durum	Landrace	0.010594	1.00E-04	1.00E-04	1.00E-04	0.234221	0.327046	0.206586	0.221154	1.00E-04	EEU_LND
GRC_GDPv2-708	DWRC-1361	T.durum	Landrace	0.029935	1.00E-04	1.00E-04	1.00E-04	0.378707	0.291761	0.136726	0.162471	1.00E-04	EEU_LND
GRC_GDPv2-709	DWRC-1366	T.durum	Landrace	0.023646	0.012476	1.00E-04	0.019018	0.252449	0.318053	0.099664	0.274495	1.00E-04	EEU_LND
ITA_GDPv2-716	DWRC-1378	T.durum	Landrace	1.00E-04	0.01121	1.00E-04	1.00E-04	0.051762	0.474329	0.29576	0.166539	1.00E-04	EEU_LND
GRC_GDPv2-719	DWRC-1383	T.durum	Landrace	0.017025	0.019153	1.00E-04	1.00E-04	0.269906	0.308029	0.130202	0.255384	1.00E-04	EEU_LND
RUS_GDPv2-757	DWRC-2213	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	EEU_LND
TUR_GDPv2-767	DWRC-1923	T.turanicum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.013089	0.416202	0.445579	0.025162	0.099568	1.00E-04	EEU_LND
GEO_GDPv2-783	DWRC-1950	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.291297	0.521963	0.110463	0.075777	1.00E-04	EEU_LND
ITA_GDPv2-784	DWRC-1952	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.016861	0.282278	0.334584	0.113322	0.252555	1.00E-04	EEU_LND
LBN_GDPv2-843	DWRC-1485	T.dicoccoides	W_Emmer	0.210365	0.075102	0.026999	1.00E-04	0.058873	0.578064	0.050297	1.00E-04	1.00E-04	EEU_LND
MAR_GDPv2-894	DWRC-1570	T.dicoccum	D_Emmer	0.034424	0.292501	0.113646	1.00E-04	1.00E-04	0.42168	0.017912	0.089761	0.029876	EEU_LND
TUR_GDPv2-1006	DWRC-1484	T.dicoccoides	W_Emmer	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	EUMED_DOM
TUR_GDPv2-827	DWRC-1454	T.dicoccoides	W_Emmer	1.00E-04	0.4883	0.03851	1.00E-04	0.15517	0.069192	0.008083	0.240446	1.00E-04	EUMED_DOM
TUR_GDPv2-830	DWRC-1458	T.dicoccoides	W_Emmer	9.99E-05	0.905688	0.035375	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.058337	9.99E-05	EUMED_DOM
TUR_GDPv2-842	DWRC-1483	T.dicoccoides	W_Emmer	0.028593	0.581283	0.269014	1.00E-04	0.028091	1.00E-04	1.00E-04	0.054602	0.038115	EUMED_DOM
na_GDPv2-848	DWRC-1495	T.dicoccoides	W_Emmer	0.025271	0.548818	0.069189	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.325742	0.030581	EUMED_DOM
na_GDPv2-849	DWRC-1497	T.dicoccoides	W_Emmer	0.025587	0.554766	0.069263	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31902	0.030964	EUMED_DOM
na_GDPv2-853	DWRC-2009	T.dicoccum	D_Emmer	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	EUMED_DOM
ARM_GDPv2-857	DWRC-2015	T.dicoccum	D_Emmer	0.068735	0.327115	0.176937	1.00E-04	0.085839	1.00E-04	1.00E-04	0.060588	0.280486	EUMED_DOM
TUR_GDPv2-869	DWRC-2497	T.dicoccoides	W_Emmer	9.99E-05	0.989634	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.006107	9.99E-05	0.003659	EUMED_DOM
na_GDPv2-874	DWRC-1431	T.dicoccum	D_Emmer	0.004189	0.830422	1.00E-04	1.00E-04	1.00E-04	0.012798	0.041773	0.084492	0.026026	EUMED_DOM
ITA_GDPv2-876	DWRC-1530	T.dicoccum	D_Emmer	0.050934	0.799346	0.00828	1.00E-04	0.017559	1.00E-04	1.00E-04	0.107046	0.016536	EUMED_DOM
ITA_GDPv2-877	DWRC-1532	T.dicoccum	D_Emmer	0.010956	0.829931	0.025647	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12242	0.010647	EUMED_DOM
ITA_GDPv2-878	DWRC-1534	T.dicoccum	D_Emmer	0.027196	0.829902	0.021963	1.00E-04	0.000643	0.001558	1.00E-04	0.113566	0.004972	EUMED_DOM
ITA_GDPv2-879	DWRC-1536	T.dicoccum	D_Emmer	0.004789	0.841169	0.011992	0.006411	1.00E-04	0.002178	1.00E-04	0.111492	0.021769	EUMED_DOM
ITA_GDPv2-880	DWRC-1537	T.dicoccum	D_Emmer	0.022113	0.847012	1.00E-04	0.008955	1.00E-04	1.00E-04	1.00E-04	0.102649	0.018871	EUMED_DOM

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
ITA_GDPv2-961	DWRC-1992	T.dicoccum	D_Emmer	9.99E-05	0.91971	0.024516	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.055174	9.99E-05	EUMED_DOM
ITA_GDPv2-962	DWRC-1993	T.dicoccum	D_Emmer	9.99E-05	0.902547	0.03478	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.062073	9.99E-05	EUMED_DOM
IRN_GDPv2-963	DWRC-1995	T.dicoccum	D_Emmer	1.00E-04	0.625839	0.356506	1.00E-04	1.00E-04	0.007321	1.00E-04	0.009834	1.00E-04	EUMED_DOM
ESP_GDPv2-964	DWRC-1996	T.dicoccum	D_Emmer	9.99E-05	0.966002	0.02209	9.99E-05	0.011308	9.99E-05	9.99E-05	9.99E-05	9.99E-05	EUMED_DOM
SYR_GDPv2-965	DWRC-1997	T.dicoccum	D_Emmer	1.00E-04	0.492458	0.036524	1.00E-04	0.156158	0.065058	0.015501	0.234001	1.00E-04	EUMED_DOM
ETH_GDPv2-966	DWRC-1998	T.dicoccum	D_Emmer	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	EUMED_DOM
ITA_GDPv2-967	DWRC-2000	T.dicoccum	D_Emmer	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	EUMED_DOM
ITA_GDPv2-968	DWRC-2001	T.dicoccum	D_Emmer	0.026305	0.851478	1.00E-04	0.006715	1.00E-04	1.00E-04	1.00E-04	0.09621	0.018892	EUMED_DOM
MAR_GDPv2-969	DWRC-2003	T.dicoccum	D_Emmer	0.035309	0.814739	1.00E-04	1.00E-04	1.00E-04	0.013461	0.018541	0.117549	1.00E-04	EUMED_DOM
UK_GDPv2-970	DWRC-2004	T.dicoccum	D_Emmer	1.00E-04	0.844553	1.00E-04	0.005126	0.018032	1.00E-04	0.025342	0.106548	1.00E-04	EUMED_DOM
HUN_GDPv2-972	DWRC-2006	T.dicoccum	D_Emmer	0.082964	0.83169	1.00E-04	1.00E-04	1.00E-04	0.034636	0.05021	1.00E-04	1.00E-04	EUMED_DOM
na_GDPv2-976	DWRC-2148	T.dicoccum	D_Emmer	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	EUMED_DOM
TUR_GDPv2-560	DWRC-1011	T.durum	Landrace	0.003884	0.138305	1.00E-04	1.00E-04	0.13652	0.106895	0.027416	0.553673	0.033106	EUMED_LND
ESP_GDPv2-620	DWRC-1213	T.durum	Landrace	0.01892	1.00E-04	1.00E-04	0.014575	0.179383	0.128407	0.308573	0.349842	1.00E-04	EUMED_LND
YUG_GDPv2-621	DWRC-1216	T.durum	Landrace	0.009102	0.114301	1.00E-04	1.00E-04	0.046661	0.089245	0.080356	0.660036	1.00E-04	EUMED_LND
TUR_GDPv2-669	DWRC-1297	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.015617	0.19976	0.155605	0.300575	0.328043	1.00E-04	EUMED_LND
GRC_GDPv2-717	DWRC-1379	T.durum	Landrace	0.025813	0.109898	1.00E-04	1.00E-04	0.042051	0.044753	0.11961	0.63201	0.025665	EUMED_LND
ITA_GDPv2-726	DWRC-1403	T.turgidum	Landrace	1.00E-04	0.048284	0.094649	0.228952	0.067284	0.051178	0.010696	0.307829	0.191028	EUMED_LND
ITA_GDPv2-727	DWRC-1404	T.durum	Landrace	1.00E-04	0.108068	0.089644	0.150219	0.049737	0.059466	0.054064	0.282745	0.205958	EUMED_LND
ITA_GDPv2-732	DWRC-1411	T.durum	Landrace	1.00E-04	1.00E-04	0.116144	0.199283	0.081609	0.103788	0.113841	0.232633	0.152502	EUMED_LND
PRT_GDPv2-746	DWRC-2026	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.050905	0.007885	0.040311	0.900399	1.00E-04	EUMED_LND
UK_GDPv2-779	DWRC-1945	T.polonicum	Landrace	1.00E-04	0.000843	0.025815	1.00E-04	0.123399	0.06882	0.013669	0.767154	1.00E-04	EUMED_LND
ROU_GDPv2-781	DWRC-1947	T.polonicum	Landrace	1.00E-04	1.00E-04	0.028577	1.00E-04	0.13776	0.096447	0.007831	0.728985	1.00E-04	EUMED_LND
PRT_GDPv2-788	DWRC-1958	T.turgidum	Landrace	0.026858	0.034822	1.00E-04	1.00E-04	1.00E-04	0.031234	0.022011	0.867801	0.016974	EUMED_LND
ITA_GDPv2-789	DWRC-1960	T.turgidum	Landrace	1.00E-04	0.046092	1.00E-04	0.019682	1.00E-04	0.099753	0.128834	0.705239	1.00E-04	EUMED_LND
ITA_GDPv2-790	DWRC-1961	T.turgidum	Landrace	1.00E-04	0.075469	1.00E-04	0.051732	1.00E-04	0.059455	0.095592	0.717351	1.00E-04	EUMED_LND
PRT_GDPv2-792	DWRC-1963	T.turgidum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.015399	9.99E-05	9.99E-05	0.983901	9.99E-05	EUMED_LND
ESP_GDPv2-794	DWRC-1965	T.turgidum	Landrace	1.00E-04	0.02922	1.00E-04	1.00E-04	0.164544	0.261552	0.259148	0.285137	1.00E-04	EUMED_LND
DEU_GDPv2-796	DWRC-1970	T.turgidum	Landrace	9.99E-05	0.026101	0.017884	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.955415	9.99E-05	EUMED_LND
TUR_GDPv2-797	DWRC-1972	T.turgidum	Landrace	1.00E-04	0.072333	0.024214	0.01215	1.00E-04	1.00E-04	1.00E-04	0.890803	1.00E-04	EUMED_LND
UK_GDPv2-798	DWRC-1973	T.turgidum	Landrace	1.00E-04	0.098913	0.020812	0.003183	1.00E-04	1.00E-04	1.00E-04	0.876592	1.00E-04	EUMED_LND
DEU_GDPv2-799	DWRC-1974	T.turgidum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.014214	9.99E-05	9.99E-05	0.985086	9.99E-05	EUMED_LND
RUS_GDPv2-800	DWRC-1977	T.carthlicum	Landrace	1.00E-04	0.087152	1.00E-04	0.01226	1.00E-04	1.00E-04	0.014097	0.885992	1.00E-04	EUMED_LND
PRT_GDPv2-816	DWRC-2024	T.turgidum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.0136	9.99E-05	9.99E-05	0.9857	9.99E-05	EUMED_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
na_GDPv2-847	DWRC-1494	T.dicoccoides	W_Emmer	1.00E-04	1.00E-04	0.026094	1.00E-04	0.129065	0.066482	0.008735	0.769224	1.00E-04	EUMED_LND
ROU_GDPv2-941	DWRC-1692	T.dicoccum	D_Emmer	0.094284	0.376368	0.048148	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4807	1.00E-04	EUMED_LND
DEU_GDPv2-953	DWRC-1713	T.dicoccum	D_Emmer	0.087164	0.384781	1.00E-04	1.00E-04	1.00E-04	0.015357	1.00E-04	0.512198	1.00E-04	EUMED_LND
EGY_GDPv2-023	DWRC-0100	T.durum	Landrace	0.00573	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08749	0.788935	0.117345	1.00E-04	MED_LND
ARG_GDPv2-032	DWRC-0131	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	0.008898	9.99E-05	0.003	0.987503	9.99E-05	9.99E-05	MED_LND
ARG_GDPv2-033	DWRC-0132	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
ARG_GDPv2-060	DWRC-0230	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
ITA_GDPv2-091	DWRC-0285	T.durum	Landrace	1.00E-04	0.009483	1.00E-04	0.017066	0.044677	0.043108	0.885266	1.00E-04	1.00E-04	MED_LND
GRC_GDPv2-285	DWRC-0999	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.321857	0.128023	0.530306	0.019314	1.00E-04	MED_LND
ESP_GDPv2-299	DWRC-1061	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06128	0.259322	0.411795	0.26234	0.004863	MED_LND
ESP_GDPv2-397	DWRC-2225	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.052033	0.286226	0.421482	0.23976	1.00E-04	MED_LND
ISR_GDPv2-401	DWRC-2235	T.durum	Landrace	0.017016	1.00E-04	0.029383	1.00E-04	0.259945	0.123415	0.484678	0.085262	1.00E-04	MED_LND
TUN_GDPv2-405	DWRC-2278	T.durum	Landrace	1.00E-04	0.001868	0.010201	0.006252	1.00E-04	0.32631	0.635293	0.019776	1.00E-04	MED_LND
JOR_GDPv2-556	DWRC-1007	T.durum	Landrace	0.005941	1.00E-04	0.047692	0.014096	0.197063	0.150653	0.58413	1.00E-04	0.000225	MED_LND
TUR_GDPv2-562	DWRC-1014	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.010568	0.14045	0.173579	0.574663	0.10034	1.00E-04	MED_LND
TUR_GDPv2-563	DWRC-1015	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.284463	9.99E-05	0.714838	9.99E-05	9.99E-05	MED_LND
ESP_GDPv2-564	DWRC-1024	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.00246	1.00E-04	0.183999	0.740772	0.072269	1.00E-04	MED_LND
ISR_GDPv2-568	DWRC-1038	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.007255	0.353951	0.133062	0.480134	0.025198	1.00E-04	MED_LND
TUN_GDPv2-569	DWRC-1040	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.99234	9.99E-05	0.006961	MED_LND
JOR_GDPv2-581	DWRC-1153	T.durum	Landrace	1.00E-04	0.008743	1.00E-04	1.00E-04	1.00E-04	0.205656	0.745685	0.039416	1.00E-04	MED_LND
DZA_GDPv2-589	DWRC-1163	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.039056	0.352916	0.562918	0.044611	1.00E-04	MED_LND
RUS_GDPv2-593	DWRC-1168	T.durum	Landrace	0.010592	0.02179	1.00E-04	1.00E-04	1.00E-04	0.298498	0.497726	0.170995	1.00E-04	MED_LND
ESP_GDPv2-598	DWRC-1179	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.015094	0.077819	0.067325	0.792001	0.025721	0.021741	MED_LND
ETH_GDPv2-602	DWRC-1185	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
AFG_GDPv2-603	DWRC-1186	T.durum	Landrace	0.006703	1.00E-04	1.00E-04	0.376927	1.00E-04	1.00E-04	0.598042	1.00E-04	0.017828	MED_LND
TUR_GDPv2-606	DWRC-1195	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.071945	0.382742	0.49694	0.047872	1.00E-04	MED_LND
AZE_GDPv2-618	DWRC-1211	T.durum	Landrace	1.00E-04	0.011671	1.00E-04	1.00E-04	0.060776	0.179662	0.625803	0.121689	1.00E-04	MED_LND
ETH_GDPv2-624	DWRC-1220	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	0.234919	0.043246	9.99E-05	0.721235	9.99E-05	9.99E-05	MED_LND
ITA_GDPv2-626	DWRC-1223	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
ITA_GDPv2-628	DWRC-1225	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.016477	0.178284	0.750434	0.05369	0.000715	MED_LND
GRC_GDPv2-629	DWRC-1227	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.24899	0.097983	0.652427	9.99E-05	9.99E-05	MED_LND
ETH_GDPv2-630	DWRC-1228	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	0.117017	9.99E-05	9.99E-05	0.882284	9.99E-05	9.99E-05	MED_LND
ITA_GDPv2-631	DWRC-1229	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.381961	0.382541	0.234898	9.99E-05	MED_LND
PAK_GDPv2-632	DWRC-1230	T.durum	Landrace	1.00E-04	0.02883	0.006057	1.00E-04	0.300973	0.005126	0.653181	0.005533	1.00E-04	MED_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
TUN_GDPv2-635	DWRC-1235	T.durum	Landrace	0.020237	1.00E-04	1.00E-04	1.00E-04	0.151563	0.077979	0.696717	0.044506	0.008698	MED_LND
TUN_GDPv2-636	DWRC-1238	T.durum	Landrace	0.017264	1.00E-04	0.007834	1.00E-04	0.253628	0.102272	0.585991	0.032712	1.00E-04	MED_LND
TUN_GDPv2-637	DWRC-1239	T.durum	Landrace	1.00E-04	1.00E-04	0.011793	0.003273	0.004722	0.332965	0.624433	0.022514	1.00E-04	MED_LND
DZA_GDPv2-638	DWRC-1241	T.durum	Landrace	0.000515	0.001098	1.00E-04	0.000132	1.00E-04	0.259072	0.703543	0.03534	1.00E-04	MED_LND
DZA_GDPv2-639	DWRC-1242	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.362331	0.531647	0.105422	9.99E-05	MED_LND
ESP_GDPv2-641	DWRC-1244	T.durum	Landrace	0.01201	0.001079	1.00E-04	0.013	0.038854	0.199173	0.661375	0.074308	1.00E-04	MED_LND
DZA_GDPv2-642	DWRC-1245	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.008878	0.039033	0.269212	0.527584	0.154894	1.00E-04	MED_LND
TUN_GDPv2-644	DWRC-1247	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.047223	0.332086	0.456545	0.163646	1.00E-04	MED_LND
TUN_GDPv2-646	DWRC-1250	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.079651	0.373323	0.379471	0.167054	1.00E-04	MED_LND
TUN_GDPv2-647	DWRC-1251	T.durum	Landrace	0.002015	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.266001	0.62416	0.107324	1.00E-04	MED_LND
TUN_GDPv2-649	DWRC-1258	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.094498	0.371086	0.47365	0.060266	1.00E-04	MED_LND
EGY_GDPv2-654	DWRC-1263	T.durum	Landrace	0.008644	1.00E-04	0.01704	1.00E-04	1.00E-04	0.079658	0.801191	0.093067	1.00E-04	MED_LND
MAR_GDPv2-655	DWRC-1265	T.durum	Landrace	1.00E-04	1.00E-04	0.01736	1.00E-04	1.00E-04	0.107298	0.764342	0.110501	1.00E-04	MED_LND
MAR_GDPv2-656	DWRC-1266	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11122	0.730238	0.138344	0.019698	MED_LND
MAR_GDPv2-657	DWRC-1267	T.durum	Landrace	1.00E-04	1.00E-04	0.005874	1.00E-04	1.00E-04	0.109467	0.749315	0.134844	1.00E-04	MED_LND
MAR_GDPv2-658	DWRC-1268	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.133128	0.695383	0.17089	9.99E-05	MED_LND
MAR_GDPv2-659	DWRC-1270	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.118408	0.743517	0.137094	0.000482	MED_LND
SAU_GDPv2-680	DWRC-1314	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.1846	0.081857	0.003346	0.729697	1.00E-04	1.00E-04	MED_LND
ETH_GDPv2-683	DWRC-1318	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.041726	0.097455	0.800655	0.059664	1.00E-04	MED_LND
TUN_GDPv2-695	DWRC-1333	T.durum	Landrace	1.00E-04	0.004233	1.00E-04	1.00E-04	0.098221	0.227685	0.60638	0.063082	1.00E-04	MED_LND
TUN_GDPv2-696	DWRC-1334	T.durum	Landrace	1.00E-04	0.014554	1.00E-04	1.00E-04	1.00E-04	0.055717	0.85661	0.068623	0.004095	MED_LND
LBY_GDPv2-697	DWRC-1336	T.durum	Landrace	1.00E-04	0.008507	1.00E-04	1.00E-04	0.034092	0.306251	0.612856	0.037895	1.00E-04	MED_LND
IRQ_GDPv2-701	DWRC-1343	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.223085	0.148765	0.537966	0.089685	1.00E-04	MED_LND
GRC_GDPv2-706	DWRC-1358	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.027689	0.068915	0.304492	0.497785	0.10072	1.00E-04	MED_LND
GRC_GDPv2-713	DWRC-1374	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.263007	0.119527	0.616865	9.99E-05	9.99E-05	MED_LND
ESP_GDPv2-714	DWRC-1375	T.durum	Landrace	1.00E-04	0.009922	0.005836	1.00E-04	0.061419	0.2431	0.647837	0.031585	1.00E-04	MED_LND
ITA_GDPv2-715	DWRC-1376	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.495953	9.99E-05	0.503347	9.99E-05	9.99E-05	MED_LND
GRC_GDPv2-718	DWRC-1380	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.292596	0.112974	0.59383	9.99E-05	9.99E-05	MED_LND
ITA_GDPv2-720	DWRC-1386	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
ITA_GDPv2-722	DWRC-1398	T.durum	Landrace	0.000746	1.00E-04	0.002276	1.00E-04	0.036369	0.197524	0.578374	0.184411	1.00E-04	MED_LND
ITA_GDPv2-723	DWRC-1399	T.turgidum	Landrace	0.008381	1.00E-04	1.00E-04	1.00E-04	0.128493	0.318139	0.408416	0.136171	1.00E-04	MED_LND
ITA_GDPv2-724	DWRC-1401	T.turgidum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.070978	0.254282	0.410881	0.258497	0.004963	MED_LND
ITA_GDPv2-728	DWRC-1405	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	0.000561	9.99E-05	9.99E-05	0.990096	0.008744	9.99E-05	MED_LND
ITA_GDPv2-729	DWRC-1407	T.durum	Landrace	1.00E-04	0.016585	0.005426	1.00E-04	0.041837	0.124599	0.63454	0.176713	1.00E-04	MED_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
ITA_GDPv2-730	DWRC-1408	T.durum	Landrace	0.002777	0.024454	1.00E-04	1.00E-04	0.117971	0.224973	0.485706	0.143819	1.00E-04	MED_LND
ITA_GDPv2-734	DWRC-1416	T.durum	Landrace	0.019099	0.006256	1.00E-04	1.00E-04	0.003214	0.265641	0.459199	0.246291	1.00E-04	MED_LND
ITA_GDPv2-735	DWRC-1417	T.durum	Landrace	0.013694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.266671	0.508154	0.210982	1.00E-04	MED_LND
ITA_GDPv2-736	DWRC-1425	T.durum	Landrace	1.00E-04	0.002622	1.00E-04	1.00E-04	1.00E-04	0.242726	0.612261	0.141891	1.00E-04	MED_LND
ITA_GDPv2-737	DWRC-1426	T.durum	Landrace	1.00E-04	1.00E-04	0.007941	1.00E-04	1.00E-04	0.055189	0.81156	0.124809	1.00E-04	MED_LND
ITA_GDPv2-749	DWRC-2120	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
ETH_GDPv2-752	DWRC-2164	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	0.354197	9.99E-05	9.99E-05	0.645103	9.99E-05	9.99E-05	MED_LND
ESP_GDPv2-755	DWRC-2194	T.durum	Landrace	1.00E-04	0.002642	1.00E-04	1.00E-04	0.106665	0.307724	0.370506	0.212062	1.00E-04	MED_LND
PRT_GDPv2-756	DWRC-2206	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.035635	0.271459	0.514997	0.177409	1.00E-04	MED_LND
ISR_GDPv2-759	DWRC-2248	T.durum	Landrace	1.00E-04	0.003965	1.00E-04	1.00E-04	0.320713	0.106152	0.56867	1.00E-04	1.00E-04	MED_LND
TUN_GDPv2-762	DWRC-2285	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	MED_LND
EGY_GDPv2-764	DWRC-1919	T.turanicum	Landrace	0.005172	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.096769	0.786474	0.111085	1.00E-04	MED_LND
AZE_GDPv2-775	DWRC-1937	T.turanicum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.133767	0.289299	0.490848	0.085587	1.00E-04	MED_LND
JOR_GDPv2-777	DWRC-1940	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.010589	0.033537	0.867357	0.088017	1.00E-04	MED_LND
PRT_GDPv2-780	DWRC-1946	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.010401	0.033177	0.87001	0.085912	1.00E-04	MED_LND
na_GDPv2-782	DWRC-1949	T.polonicum	Landrace	0.002993	1.00E-04	1.00E-04	1.00E-04	0.027418	0.054467	0.754525	0.154047	0.00625	MED_LND
IRQ_GDPv2-787	DWRC-1957	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.006646	0.026302	0.877696	0.088857	1.00E-04	MED_LND
ESP_GDPv2-793	DWRC-1964	T.turgidum	Landrace	1.00E-04	0.002892	1.00E-04	1.00E-04	0.000165	0.415487	0.426805	0.154252	1.00E-04	MED_LND
ITA_GDPv2-090	DWRC-0284	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.523919	9.99E-05	0.475381	9.99E-05	9.99E-05	MID_LND
IND_GDPv2-1000	DWRC-1147	T.durum	Landrace	0.137271	1.00E-04	0.007844	0.148221	0.568436	0.128376	1.00E-04	0.009552	1.00E-04	MID_LND
MAR_GDPv2-1001	DWRC-1271	T.durum	Landrace	1.00E-04	1.00E-04	0.005875	0.078135	0.60154	0.052071	0.26198	1.00E-04	1.00E-04	MID_LND
IRN_GDPv2-1051	DWRC-2_042	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.978153	9.99E-05	9.99E-05	9.99E-05	0.021147	MID_LND
ICARDA_GDPv2-258	DWRC-0881	T.durum	Landrace	1.00E-04	1.00E-04	0.029983	0.003818	0.47756	0.351053	0.137186	1.00E-04	1.00E-04	MID_LND
TUN_GDPv2-283	DWRC-0991	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.366993	0.246193	0.274078	0.112237	1.00E-04	MID_LND
ISR_GDPv2-288	DWRC-1036	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.025026	0.641752	0.227394	0.027631	0.077798	1.00E-04	MID_LND
BGR_GDPv2-290	DWRC-1039	T.durum	Landrace	1.00E-04	0.024184	0.034266	0.047389	0.391722	0.275328	0.076235	0.142759	0.008017	MID_LND
IRN_GDPv2-330	DWRC-1443	T.durum	Landrace	1.00E-04	0.003829	1.00E-04	1.00E-04	0.934317	0.056591	0.001224	1.00E-04	0.003639	MID_LND
UKR_GDPv2-333	DWRC-1505	T.dicoccum	D_Emmer	0.030092	0.076183	0.310944	1.00E-04	0.084736	0.398701	0.048698	1.00E-04	0.050446	MID_LND
SWE_GDPv2-393	DWRC-2204	T.durum	Landrace	0.011679	1.00E-04	1.00E-04	0.027907	0.387804	0.404992	0.140144	0.027175	1.00E-04	MID_LND
MLT_GDPv2-396	DWRC-2224	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.555576	0.292191	0.054422	0.068053	0.029359	MID_LND
OMN_GDPv2-407	DWRC-2284	T.durum	Landrace	0.078628	0.044875	0.016247	0.238104	0.3234	1.00E-04	0.136598	0.046634	0.115414	MID_LND
EGY_GDPv2-548	DWRC-0107	T.durum	Landrace	0.136989	1.00E-04	1.00E-04	0.145665	0.489687	0.131658	1.00E-04	0.092159	0.003541	MID_LND
EGY_GDPv2-549	DWRC-0110	T.durum	Landrace	0.064273	1.00E-04	1.00E-04	0.133695	0.57909	0.127451	0.031955	0.063237	1.00E-04	MID_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
EGY_GDPv2-550	DWRC-0112	T.durum	Landrace	0.139953	1.00E-04	0.001057	0.13235	0.495717	0.137826	1.00E-04	0.082556	0.010341	MID_LND
EGY_GDPv2-551	DWRC-0113	T.durum	Landrace	0.010965	0.051399	0.114788	0.128056	0.252731	0.207468	0.164293	0.0702	1.00E-04	MID_LND
TUR_GDPv2-559	DWRC-1010	T.durum	Landrace	1.00E-04	0.020431	1.00E-04	0.021383	0.191153	0.412948	0.318327	0.035458	1.00E-04	MID_LND
ISR_GDPv2-566	DWRC-1034	T.durum	Landrace	0.012901	1.00E-04	1.00E-04	1.00E-04	0.613873	0.23803	0.072585	0.062211	1.00E-04	MID_LND
ISR_GDPv2-567	DWRC-1035	T.durum	Landrace	0.011205	1.00E-04	1.00E-04	0.020343	0.471093	0.285193	0.156495	0.055371	1.00E-04	MID_LND
ITA_GDPv2-579	DWRC-1149	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.521833	9.99E-05	0.477467	9.99E-05	9.99E-05	MID_LND
SYR_GDPv2-580	DWRC-1150	T.durum	Landrace	9.99E-05	9.99E-05	0.012032	9.99E-05	0.943513	9.99E-05	0.043856	9.99E-05	9.99E-05	MID_LND
ETH_GDPv2-583	DWRC-1155	T.durum	Landrace	1.00E-04	1.00E-04	0.003488	1.00E-04	0.904973	0.066851	1.00E-04	1.00E-04	0.024188	MID_LND
AFG_GDPv2-584	DWRC-1157	T.durum	Landrace	0.015369	1.00E-04	1.00E-04	0.060184	0.482671	0.244483	0.127577	0.069416	1.00E-04	MID_LND
IRQ_GDPv2-585	DWRC-1158	T.durum	Landrace	0.032409	0.043458	1.00E-04	1.00E-04	0.28693	0.266466	0.112771	0.257667	1.00E-04	MID_LND
MAR_GDPv2-590	DWRC-1164	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.368769	0.245583	0.273891	0.111257	1.00E-04	MID_LND
OMN_GDPv2-591	DWRC-1165	T.durum	Landrace	0.093219	0.053245	1.00E-04	0.237656	0.306035	0.003236	0.146013	0.020707	0.139789	MID_LND
JOR_GDPv2-604	DWRC-1190	T.durum	Landrace	9.99E-05	9.99E-05	0.027139	9.99E-05	0.972162	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MID_LND
YEM_GDPv2-609	DWRC-1198	T.durum	Landrace	0.387218	0.048119	1.00E-04	0.046027	0.426841	0.032643	0.002182	0.035328	0.021541	MID_LND
SYR_GDPv2-610	DWRC-1199	T.durum	Landrace	0.004755	1.00E-04	0.019026	1.00E-04	0.92788	1.00E-04	0.04784	1.00E-04	1.00E-04	MID_LND
IRN_GDPv2-611	DWRC-1201	T.durum	Landrace	1.00E-04	1.00E-04	0.00764	1.00E-04	0.935927	0.040023	0.015911	1.00E-04	1.00E-04	MID_LND
IRN_GDPv2-612	DWRC-1202	T.durum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.94814	0.044375	0.006885	9.99E-05	9.99E-05	MID_LND
RUS_GDPv2-614	DWRC-1205	T.durum	Landrace	1.00E-04	1.00E-04	0.009516	1.00E-04	0.464055	0.432312	0.084839	0.008878	1.00E-04	MID_LND
OMN_GDPv2-616	DWRC-1208	T.durum	Landrace	0.072358	0.020456	1.00E-04	0.210537	0.310243	0.020849	0.156494	0.089175	0.119788	MID_LND
ITA_GDPv2-627	DWRC-1224	T.durum	Landrace	0.006958	0.000621	1.00E-04	1.00E-04	0.27839	0.40985	0.260543	0.043338	1.00E-04	MID_LND
SYR_GDPv2-633	DWRC-1231	T.durum	Landrace	9.99E-05	9.99E-05	0.000106	9.99E-05	0.99865	9.99E-05	0.000644	9.99E-05	9.99E-05	MID_LND
SYR_GDPv2-634	DWRC-1234	T.durum	Landrace	9.99E-05	9.99E-05	0.017429	9.99E-05	0.953174	9.99E-05	0.028798	9.99E-05	9.99E-05	MID_LND
RUS_GDPv2-653	DWRC-1262	T.durum	Landrace	0.003345	1.00E-04	0.018301	0.032658	0.405048	0.350161	0.173918	0.016369	1.00E-04	MID_LND
USA_GDPv2-660	DWRC-1277	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.016108	0.852173	0.064865	0.066354	1.00E-04	1.00E-04	MID_LND
IRQ_GDPv2-661	DWRC-1281	T.durum	Landrace	0.039451	1.00E-04	1.00E-04	1.00E-04	0.419679	0.150635	0.319331	0.070504	1.00E-04	MID_LND
IRQ_GDPv2-662	DWRC-1282	T.durum	Landrace	0.006656	0.025429	1.00E-04	0.013089	0.438361	0.305468	0.12175	0.089047	1.00E-04	MID_LND
IRQ_GDPv2-663	DWRC-1283	T.durum	Landrace	0.019524	1.00E-04	1.00E-04	0.014188	0.852028	0.097673	0.016187	1.00E-04	1.00E-04	MID_LND
IRQ_GDPv2-664	DWRC-1284	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.032504	0.594642	0.22175	0.147628	0.003077	1.00E-04	MID_LND
IRQ_GDPv2-665	DWRC-1285	T.durum	Landrace	1.00E-04	1.00E-04	0.006653	0.003806	0.914798	0.014716	0.059627	1.00E-04	1.00E-04	MID_LND
PRT_GDPv2-670	DWRC-1298	T.durum	Landrace	0.162117	1.00E-04	0.007812	0.072852	0.526418	0.176741	0.02627	0.027591	1.00E-04	MID_LND
IND_GDPv2-671	DWRC-1303	T.durum	Landrace	1.00E-04	1.00E-04	0.009132	1.00E-04	0.550665	0.014845	0.416079	0.008879	1.00E-04	MID_LND
SAU_GDPv2-674	DWRC-1306	T.durum	Landrace	0.074444	1.00E-04	1.00E-04	0.136157	0.577362	0.174796	1.00E-04	0.036841	1.00E-04	MID_LND
EGY_GDPv2-675	DWRC-1308	T.durum	Landrace	0.091063	0.007034	0.022454	0.032379	0.585464	0.09642	0.164982	1.00E-04	0.000105	MID_LND
IND_GDPv2-676	DWRC-1310	T.durum	Landrace	0.079393	1.00E-04	0.036119	0.040123	0.479111	0.306078	1.00E-04	0.057728	0.001248	MID_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
IND_GDPv2-677	DWRC-1311	T.durum	Landrace	1.00E-04	1.00E-04	0.063798	0.005716	0.534731	0.021941	0.026801	0.346712	1.00E-04	MID_LND
SYR_GDPv2-678	DWRC-1312	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.750911	0.087145	0.154558	0.006886	1.00E-04	MID_LND
SYR_GDPv2-679	DWRC-1313	T.durum	Landrace	1.00E-04	1.00E-04	0.025369	0.000619	0.877182	0.023852	0.072579	1.00E-04	1.00E-04	MID_LND
ETH_GDPv2-681	DWRC-1315	T.durum	Landrace	0.043499	1.00E-04	1.00E-04	0.254711	0.41518	0.076905	0.209305	1.00E-04	1.00E-04	MID_LND
IRN_GDPv2-687	DWRC-1323	T.durum	Landrace	9.99E-05	0.003026	9.99E-05	9.99E-05	0.923621	0.072754	9.99E-05	9.99E-05	9.99E-05	MID_LND
ITA_GDPv2-689	DWRC-1325	T.durum	Landrace	0.010557	1.00E-04	0.002708	1.00E-04	0.357422	0.388364	0.227642	0.013008	1.00E-04	MID_LND
IRN_GDPv2-690	DWRC-1327	T.durum	Landrace	1.00E-04	0.016341	0.00732	0.026026	0.711463	0.15176	0.054825	0.030534	0.001631	MID_LND
IRN_GDPv2-691	DWRC-1328	T.durum	Landrace	0.006662	0.054781	0.005049	1.00E-04	0.898041	0.011859	0.023308	1.00E-04	1.00E-04	MID_LND
TUN_GDPv2-693	DWRC-1331	T.durum	Landrace	1.00E-04	0.006848	1.00E-04	1.00E-04	0.062064	0.387182	0.372988	0.170519	1.00E-04	MID_LND
TUR_GDPv2-698	DWRC-1337	T.durum	Landrace	0.128738	1.00E-04	0.003097	0.151157	0.590075	0.1043	1.00E-04	0.020001	0.002432	MID_LND
SYR_GDPv2-699	DWRC-1338	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.045146	0.562357	0.194293	0.12665	0.071154	1.00E-04	MID_LND
BIH_GDPv2-700	DWRC-1339	T.durum	Landrace	0.001754	1.00E-04	0.029915	0.007522	0.899576	0.033525	0.008808	0.0187	1.00E-04	MID_LND
IRN_GDPv2-702	DWRC-1346	T.durum	Landrace	0.007295	0.009917	0.01918	0.020107	0.801313	0.075258	0.049868	0.016963	1.00E-04	MID_LND
GRC_GDPv2-707	DWRC-1360	T.durum	Landrace	0.013609	1.00E-04	1.00E-04	0.022626	0.386558	0.412397	0.137075	0.027435	1.00E-04	MID_LND
GRC_GDPv2-710	DWRC-1368	T.durum	Landrace	0.005619	1.00E-04	0.000976	1.00E-04	0.91575	0.011419	0.064841	1.00E-04	0.001096	MID_LND
IRQ_GDPv2-711	DWRC-1370	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.010502	0.610481	0.061666	0.300395	0.016557	1.00E-04	MID_LND
IRQ_GDPv2-712	DWRC-1371	T.durum	Landrace	0.033759	0.033538	1.00E-04	0.030456	0.658091	0.025056	1.00E-04	0.134745	0.084155	MID_LND
ITA_GDPv2-721	DWRC-1393	T.durum	Landrace	1.00E-04	1.00E-04	0.001604	1.00E-04	0.284605	0.374209	0.251943	0.087239	1.00E-04	MID_LND
ITA_GDPv2-725	DWRC-1402	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.026551	0.342456	0.329824	0.30067	1.00E-04	MID_LND
ITA_GDPv2-731	DWRC-1409	T.durum	Landrace	0.018068	1.00E-04	1.00E-04	1.00E-04	0.060196	0.41677	0.329406	0.17516	1.00E-04	MID_LND
ITA_GDPv2-733	DWRC-1414	T.durum	Landrace	0.014787	1.00E-04	1.00E-04	1.00E-04	0.066606	0.41825	0.339725	0.160233	1.00E-04	MID_LND
ITA_GDPv2-747	DWRC-2043	T.durum	Landrace	1.00E-04	0.016725	0.021012	1.00E-04	0.850161	0.04422	0.067482	1.00E-04	1.00E-04	MID_LND
MAR_GDPv2-748	DWRC-2082	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.323363	0.267957	0.269367	0.138813	1.00E-04	MID_LND
ITA_GDPv2-750	DWRC-2121	T.durum	Landrace	0.029264	1.00E-04	0.00089	1.00E-04	0.410762	0.329901	0.227966	1.00E-04	0.000917	MID_LND
TUN_GDPv2-753	DWRC-2171	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.338589	0.335135	0.256474	0.069303	1.00E-04	MID_LND
TUR_GDPv2-754	DWRC-2184	T.durum	Landrace	1.00E-04	1.00E-04	0.022544	1.00E-04	0.928139	0.020383	0.028435	1.00E-04	1.00E-04	MID_LND
UK_GDPv2-758	DWRC-2243	T.durum	Landrace	0.01793	1.00E-04	1.00E-04	1.00E-04	0.326924	0.251502	0.313258	0.089986	1.00E-04	MID_LND
PAK_GDPv2-760	DWRC-2251	T.durum	Landrace	0.019664	1.00E-04	1.00E-04	0.024272	0.507585	0.20999	0.124514	0.103214	0.010563	MID_LND
IRQ_GDPv2-761	DWRC-2261	T.durum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.013799	0.813801	0.093906	0.077995	1.00E-04	1.00E-04	MID_LND
IRN_GDPv2-763	DWRC-2288	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.914656	0.084645	9.99E-05	9.99E-05	9.99E-05	MID_LND
AZE_GDPv2-765	DWRC-1921	T.turanicum	Landrace	1.00E-04	0.009608	1.00E-04	1.00E-04	0.54903	0.315497	0.03765	0.087816	1.00E-04	MID_LND
IRQ_GDPv2-766	DWRC-1922	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.98051	9.99E-05	9.99E-05	9.99E-05	0.018791	MID_LND
IRN_GDPv2-768	DWRC-1926	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.979304	9.99E-05	9.99E-05	9.99E-05	0.019996	MID_LND
HUN_GDPv2-769	DWRC-1928	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.977354	9.99E-05	9.99E-05	9.99E-05	0.021947	MID_LND

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
TUR_GDPv2-771	DWRC-1930	T.turanicum	Landrace	1.00E-04	0.002561	1.00E-04	1.00E-04	0.883788	0.02864	1.00E-04	0.067541	0.017071	MID_LND
IRN_GDPv2-772	DWRC-1932	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.977161	9.99E-05	9.99E-05	9.99E-05	0.022139	MID_LND
AFG_GDPv2-773	DWRC-1933	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.974933	9.99E-05	9.99E-05	9.99E-05	0.024368	MID_LND
AUS_GDPv2-774	DWRC-1934	T.turanicum	Landrace	0.032039	1.00E-04	1.00E-04	1.00E-04	0.496551	0.044384	0.31083	0.107342	0.008555	MID_LND
IRN_GDPv2-776	DWRC-1939	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	0.002826	0.349813	0.318858	0.091483	0.23662	1.00E-04	MID_LND
UK_GDPv2-778	DWRC-1941	T.polonicum	Landrace	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.358689	0.315269	0.093434	0.232108	1.00E-04	MID_LND
IRQ_GDPv2-801	DWRC-1978	T.turanicum	Landrace	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.997046	9.99E-05	9.99E-05	9.99E-05	0.002255	MID_LND
IRN_GDPv2-803	DWRC-1980	T.carthlicum	Landrace	1.00E-04	1.00E-04	0.01531	0.010045	0.438854	0.418764	0.116627	1.00E-04	1.00E-04	MID_LND
SYR_GDPv2-859	DWRC-2017	T.dicoccoides	W_Emmer	1.00E-04	0.030208	1.00E-04	0.006185	1.00E-04	0.328235	0.318715	0.013844	0.302513	MID_LND
IRN_GDPv2-895	DWRC-1572	T.dicoccum	D_Emmer	0.020488	0.291385	0.130504	1.00E-04	1.00E-04	0.410231	0.006396	0.097472	0.043324	MID_LND
KEN_GDPv2-883	DWRC-1541	T.dicoccum	D_Emmer	0.061402	0.375368	0.470462	0.000774	0.037004	1.00E-04	0.005108	0.043239	0.006543	MIDEEU_DOM
RUS_GDPv2-884	DWRC-1543	T.dicoccum	D_Emmer	0.042436	0.238678	0.658105	1.00E-04	1.00E-04	0.039596	1.00E-04	0.020261	0.000625	MIDEEU_DOM
RUS_GDPv2-885	DWRC-1544	T.dicoccum	D_Emmer	0.027106	0.08892	0.797232	1.00E-04	0.00391	1.00E-04	1.00E-04	0.022707	0.059826	MIDEEU_DOM
UKR_GDPv2-889	DWRC-1560	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
ARM_GDPv2-890	DWRC-1564	T.dicoccum	D_Emmer	1.00E-04	0.095455	0.88892	1.00E-04	1.00E-04	1.00E-04	0.00538	0.009745	1.00E-04	MIDEEU_DOM
IRN_GDPv2-891	DWRC-1565	T.dicoccum	D_Emmer	1.00E-04	0.404339	0.502918	0.005876	0.022235	0.004511	1.00E-04	0.059821	1.00E-04	MIDEEU_DOM
IRN_GDPv2-892	DWRC-1566	T.dicoccum	D_Emmer	0.016124	0.194561	0.50713	0.017377	1.00E-04	0.002492	1.00E-04	0.262016	1.00E-04	MIDEEU_DOM
IRN_GDPv2-896	DWRC-1573	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
RUS_GDPv2-900	DWRC-1582	T.dicoccum	D_Emmer	1.00E-04	0.009925	0.972523	1.00E-04	0.01483	0.002222	1.00E-04	1.00E-04	1.00E-04	MIDEEU_DOM
ARM_GDPv2-902	DWRC-1584	T.dicoccum	D_Emmer	9.99E-05	0.017079	0.982222	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
GEO_GDPv2-903	DWRC-1586	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
ESP_GDPv2-905	DWRC-1592	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
YUG_GDPv2-920	DWRC-1625	T.dicoccum	D_Emmer	0.050476	0.275904	0.569989	1.00E-04	0.016353	1.00E-04	0.00559	1.00E-04	0.081389	MIDEEU_DOM
IRN_GDPv2-925	DWRC-1648	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
IRN_GDPv2-926	DWRC-1653	T.dicoccum	D_Emmer	0.043536	0.260963	0.670296	0.009164	0.015642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	MIDEEU_DOM
IRN_GDPv2-927	DWRC-1657	T.dicoccum	D_Emmer	1.00E-04	1.00E-04	0.955936	0.005726	1.00E-04	0.013359	0.024479	1.00E-04	1.00E-04	MIDEEU_DOM
IRN_GDPv2-928	DWRC-1659	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.982685	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.016616	MIDEEU_DOM
ROU_GDPv2-942	DWRC-1693	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
CHN_GDPv2-948	DWRC-1706	T.dicoccum	D_Emmer	1.00E-04	0.351935	0.626319	0.019635	1.00E-04	0.001611	1.00E-04	1.00E-04	1.00E-04	MIDEEU_DOM
SYR_GDPv2-952	DWRC-1711	T.dicoccum	D_Emmer	0.076074	0.131406	0.611228	0.015639	0.023655	1.00E-04	1.00E-04	0.022126	0.119673	MIDEEU_DOM
YEM_GDPv2-954	DWRC-1715	T.dicoccum	D_Emmer	0.029814	0.273376	0.478365	1.00E-04	0.086942	0.087295	1.00E-04	0.038684	0.005324	MIDEEU_DOM
na_GDPv2-959	DWRC-1990	T.dicoccum	D_Emmer	9.99E-05	9.99E-05	0.999201	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	MIDEEU_DOM
na_GDPv2-975	DWRC-2140	T.dicoccum	D_Emmer	1.00E-04	0.025601	0.373332	0.007204	0.208426	0.215351	0.142094	1.00E-04	0.027792	MIDEEU_DOM
ISR_GDPv2-1002	DWRC-1465	T.dicoccoides	W_Emmer	1.00E-04	1.00E-04	0.084593	0.020482	0.117376	0.075843	0.061635	0.024214	0.615657	WLD_EM

Accession ¹	GDPaccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
ISR_GDPv2-1003	DWRC-1469	T.dicoccoides	W_Emmer	0.007484	9.99E-05	9.99E-05	0.001145	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.990772	WLD_EM
SYR_GDPv2-1004	DWRC-1475	T.dicoccoides	W_Emmer	1.00E-04	1.00E-04	0.00701	0.032314	1.00E-04	1.00E-04	1.00E-04	0.002175	0.958001	WLD_EM
LBN_GDPv2-1005	DWRC-1482	T.dicoccoides	W_Emmer	0.018331	9.99E-05	0.005857	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.975213	WLD_EM
JOR_GDPv2-1008	DWRC-2486	T.dicoccoides	W_Emmer	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	WLD_EM
JOR_GDPv2-1009	DWRC-2490	T.dicoccoides	W_Emmer	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	WLD_EM
AFG_GDPv2-587	DWRC-1160	T.durum	Landrace	1.00E-04	1.00E-04	0.151282	0.418827	0.021739	1.00E-04	1.00E-04	0.109137	0.298615	WLD_EM
TUR_GDPv2-820	DWRC-1446	T.dicoccoides	W_Emmer	0.018593	0.096845	0.221953	0.138612	0.023415	1.00E-04	1.00E-04	0.009419	0.490961	WLD_EM
ISR_GDPv2-821	DWRC-1447	T.dicoccoides	W_Emmer	0.000889	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.998411	WLD_EM
ISR_GDPv2-823	DWRC-1449	T.dicoccoides	W_Emmer	0.024577	0.086572	0.166942	0.004051	1.00E-04	1.00E-04	1.00E-04	0.114677	0.602882	WLD_EM
TUR_GDPv2-824	DWRC-1451	T.dicoccoides	W_Emmer	0.037882	0.294738	0.200152	0.009464	0.016312	0.031717	0.017727	0.061418	0.33059	WLD_EM
LBN_GDPv2-825	DWRC-1452	T.dicoccoides	W_Emmer	1.00E-04	1.00E-04	0.304386	1.00E-04	1.00E-04	0.189002	0.153135	0.001188	0.351889	WLD_EM
ISR_GDPv2-826	DWRC-1453	T.dicoccoides	W_Emmer	0.001733	1.00E-04	1.00E-04	0.149891	0.170564	0.230927	0.235144	0.007988	0.203553	WLD_EM
LBN_GDPv2-828	DWRC-1456	T.dicoccoides	W_Emmer	0.027722	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.008153	9.99E-05	0.963526	WLD_EM
TUR_GDPv2-829	DWRC-1457	T.dicoccoides	W_Emmer	0.04918	0.032157	0.085407	0.002039	0.006809	1.00E-04	1.00E-04	1.00E-04	0.824109	WLD_EM
TUR_GDPv2-831	DWRC-1459	T.dicoccoides	W_Emmer	0.055607	0.031906	0.005912	0.027237	0.005665	0.026046	0.03538	0.021632	0.790614	WLD_EM
na_GDPv2-833	DWRC-1463	T.dicoccoides	W_Emmer	1.00E-04	1.00E-04	0.013951	0.009323	0.067018	0.349805	0.10893	0.074113	0.37666	WLD_EM
ISR_GDPv2-834	DWRC-1466	T.dicoccoides	W_Emmer	0.019815	9.99E-05	9.99E-05	0.014541	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.965045	WLD_EM
LBN_GDPv2-835	DWRC-1467	T.dicoccoides	W_Emmer	1.00E-04	0.017802	0.088812	0.037759	0.478075	0.09063	0.109742	1.00E-04	0.17698	WLD_EM
ISR_GDPv2-836	DWRC-1470	T.dicoccoides	W_Emmer	1.00E-04	0.002317	0.215661	0.01946	0.112476	0.139922	0.207146	1.00E-04	0.302818	WLD_EM
LBN_GDPv2-837	DWRC-1472	T.dicoccoides	W_Emmer	1.00E-04	0.002566	0.183183	0.031047	0.124438	0.145013	0.217608	1.00E-04	0.295945	WLD_EM
ISR_GDPv2-838	DWRC-1474	T.dicoccoides	W_Emmer	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.999201	WLD_EM
SYR_GDPv2-839	DWRC-1477	T.dicoccoides	W_Emmer	0.057918	0.166219	0.204194	0.037278	0.009678	0.116605	0.029606	0.151187	0.227314	WLD_EM
ISR_GDPv2-840	DWRC-1479	T.dicoccoides	W_Emmer	1.00E-04	0.140996	0.197839	0.024056	0.085357	0.054618	0.141789	0.106559	0.248686	WLD_EM
LBN_GDPv2-841	DWRC-1481	T.dicoccoides	W_Emmer	0.012307	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06958	0.393406	0.093068	0.431239	WLD_EM
LBN_GDPv2-844	DWRC-1488	T.dicoccoides	W_Emmer	1.00E-04	1.00E-04	0.256005	0.00604	1.00E-04	0.173307	0.132864	1.00E-04	0.431385	WLD_EM
na_GDPv2-845	DWRC-1492	T.dicoccoides	W_Emmer	0.01005	0.026843	0.060972	0.020718	1.00E-04	0.003463	1.00E-04	1.00E-04	0.877654	WLD_EM
na_GDPv2-846	DWRC-1493	T.dicoccoides	W_Emmer	0.010865	0.007593	1.00E-04	1.00E-04	0.001634	0.046629	0.039144	0.007136	0.8868	WLD_EM
ISR_GDPv2-850	DWRC-1498	T.dicoccoides	W_Emmer	0.025551	9.99E-05	0.011794	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.962055	WLD_EM
HUN_GDPv2-854	DWRC-2012	T.dicoccoides	W_Emmer	0.017076	0.106294	0.186605	0.011453	1.00E-04	1.00E-04	1.00E-04	0.111333	0.566939	WLD_EM
ISR_GDPv2-855	DWRC-2013	T.dicoccoides	W_Emmer	1.00E-04	0.037318	0.030485	0.071137	1.00E-04	0.344046	0.229712	1.00E-04	0.287002	WLD_EM
na_GDPv2-856	DWRC-2014	T.dicoccoides	W_Emmer	0.080338	0.075325	0.224172	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.454752	0.165013	WLD_EM
SYR_GDPv2-858	DWRC-2016	T.dicoccoides	W_Emmer	0.057973	1.00E-04	0.015602	1.00E-04	0.045032	0.337659	0.001561	1.00E-04	0.541874	WLD_EM
LBN_GDPv2-860	DWRC-2146	T.dicoccoides	W_Emmer	1.00E-04	0.040166	0.04209	1.00E-04	1.00E-04	0.290432	0.288857	0.028096	0.310059	WLD_EM
TUR_GDPv2-861	DWRC-2147	T.dicoccoides	W_Emmer	1.00E-04	0.085541	0.210991	0.22752	0.015249	1.00E-04	1.00E-04	0.060137	0.400264	WLD_EM

Accession ¹	GDPAccess	Subspecies	Type	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	POP
ISR_GDPv2-862	DWRC-2149	T.dicoccoides	W_Emmer	0.040546	1.00E-04	0.043341	0.097273	1.00E-04	0.105799	0.146247	1.00E-04	0.566494	WLD_EM
SYR_GDPv2-863	DWRC-2484	T.dicoccoides	W_Emmer	0.022898	1.00E-04	1.00E-04	0.011726	1.00E-04	0.166709	0.246442	1.00E-04	0.551825	WLD_EM
SYR_GDPv2-865	DWRC-2493	T.dicoccoides	W_Emmer	0.027233	1.00E-04	0.028008	0.002786	0.021552	0.03878	0.003291	0.00868	0.86957	WLD_EM
JOR_GDPv2-866	DWRC-2494	T.dicoccoides	W_Emmer	0.018611	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.007984	9.99E-05	9.99E-05	0.972805	WLD_EM
LBN_GDPv2-867	DWRC-2495	T.dicoccoides	W_Emmer	0.019142	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	9.99E-05	0.980159	WLD_EM
JOR_GDPv2-868	DWRC-2496	T.dicoccoides	W_Emmer	0.04391	1.00E-04	0.021234	0.040629	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.893728	WLD_EM
JOR_GDPv2-870	DWRC-2499	T.dicoccoides	W_Emmer	0.031628	0.08057	0.264092	0.093735	0.01323	1.00E-04	1.00E-04	1.00E-04	0.516445	WLD_EM
TUR_GDPv2-871	DWRC-2500	T.dicoccoides	W_Emmer	1.00E-04	0.082579	0.290094	0.299441	1.00E-04	1.00E-04	0.018241	0.011381	0.297963	WLD_EM
TUR_GDPv2-872	DWRC-2501	T.dicoccoides	W_Emmer	0.028133	1.00E-04	0.026703	1.00E-04	1.00E-04	1.00E-04	0.001535	1.00E-04	0.943129	WLD_EM
ETH_GDPv2-971	DWRC-2005	T.dicoccum	D_Emmer	0.215546	0.131108	1.00E-04	1.00E-04	0.226089	0.06399	0.052133	0.033223	0.277711	WLD_EM
na_GDPv2-973	DWRC-2008	T.dicoccum	D_Emmer	0.084705	0.155793	0.213214	0.058141	1.00E-04	0.086423	0.006829	0.158722	0.236072	WLD_EM

Accessions ¹the first three letters indicate the name of the country of origin based on United Nations three-letters country code, followed by accession name in Global Durum Diversity Panel. Each color indicates the subpopulation based on the ancestral coefficient of the individuals at K=9.

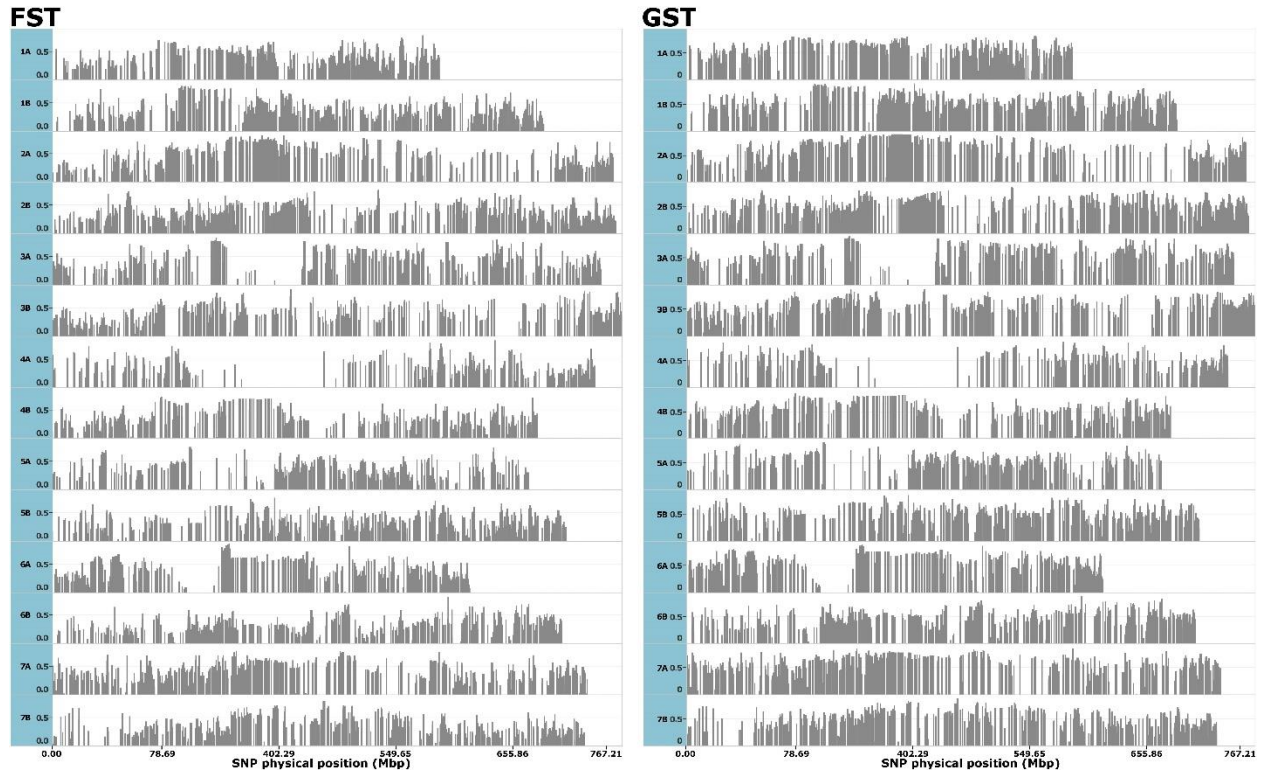


Figure S1: Pattern of differentiation at each locus based on F_{ST} and G_{ST}

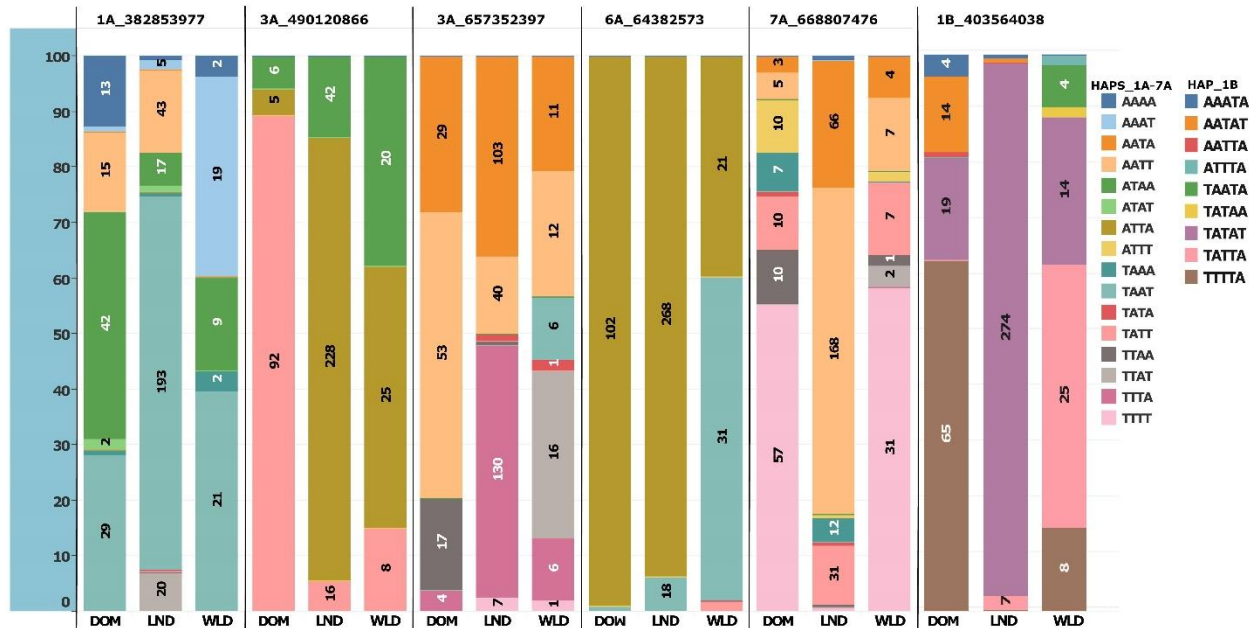


Figure S2. Allelic frequencies at each locus in landrace, domesticated and wild emmer wheats. The Y-axis and the labels show the percent and absolute frequencies, respectively.

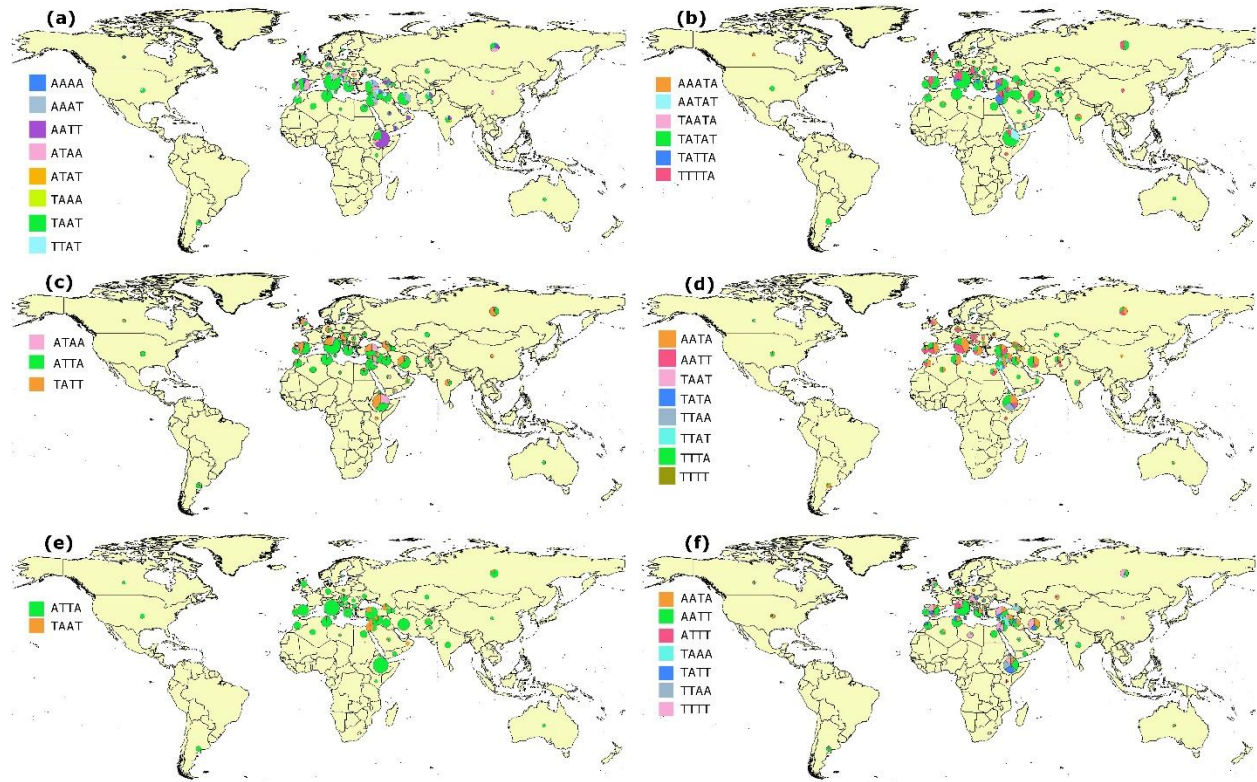


Figure S3. The geographic distribution of single-locus haplotypes. **(a)** Haplotypes at locus 1A, **(b)** haplotype 1B **(c)** haplotype 3A1, **(d)** haplotype 3A2, **(e)** haplotype 6A and **(f)** haplotype 7A. Each color in each pie chart represents a haplotype, the size of the pie circle is proportional with the number of accessions included.

Table S2 Major genes in the uniquely differentiated region of chromosome 2B.

ACCESSION	GENE_NAME	CHRO	START	Trait regulated
TRAESCS2B02G273500	PIF4	2B	374801457	FL
TRAESCS2B02G254000	CBT	2B	281872239	FL, Cr
TRAESCS2B02G267000	MTERF2	2B	359612800	Cr
TRAESCS2B02G271700	CIPK23	2B	373301321	FL, Sdr
TRAESCS2B02G250900	SPL3	2B	260765427	FL, Sdr, Vr
TRAESCS2B02G248700	CPK9	2B	255050988	FL, Sdr
TRAESCS2B02G266700	BAM1	2B	359310845	FL
TRAESCS2B02G264000	TIFY5	2B	356582219	FL
TRAESCS2B02G256600	GRF9	2B	298324714	FL
TRAESCS2B02G253600	CSN7	2B	278435469	FL, Sdr
TRAESCS2B02G264100	GLO1	2B	356594198	Cr
TRAESCS2B02G268900	OEP61	2B	364316379	FL
TRAESCS2B02G263600	HEN1	2B	354875272	FL
TRAESCS2B02G268100	CRL5	2B	361422652	FL
TRAESCS2B02G270300	PSBO1	2B	368613668	Cr
TRAESCS2B02G267500	PSBP	2B	360481412	Cr
TRAESCS2B02G273900	ATPC1	2B	375544513	Cr
TRAESCS2B02G251400	pod	2B	263811436	FL
TRAESCS2B02G260300	TRAESCS2B02G260300	2B	326675374	Sdr
TRAESCS2B02G250500	CAR2	2B	260605521	Sdr
TRAESCS2B02G263000	EXO84A	2B	350298617	FL
TRAESCS2B02G248900	TRAESCS2B02G248900	2B	256326294	Cr
TRAESCS2B02G249200	PBF	2B	257522750	FL
TRAESCS2B02G255300	HRD1	2B	291583780	FL
TRAESCS2B02G257000	SHL	2B	302039648	Cr
TRAESCS2B02G260100	HD16	2B	325844444	FL, Cr, Sdr
TRAESCS2B02G271300	CP33	2B	371165255	Cr
TRAESCS2B02G268400	NCED2	2B	363341361	Sdr
TRAESCS2B02G250000	TPX2	2B	259029791	FL
TRAESCS2B02G246600	LTD	2B	250743348	Cr
TRAESCS2B02G257300	PNP1	2B	306885521	Cr
TRAESCS2B02G257800	PKP1	2B	310928737	Cr
TRAESCS2B02G270600	AAO1	2B	369476063	Sdr
TRAESCS2B02G270500	OVA6	2B	368972606	Cr
TRAESCS2B02G269700	Rf1	2B	367657356	Cr
TRAESCS2B02G271900	ERD4	2B	373476491	Sdr
TRAESCS2B02G260200	ZKT	2B	326271354	Cr
TRAESCS2B02G263300	EMB2247	2B	353564383	Cr
TRAESCS2B02G268000	PR	2B	361284425	Cr
TRAESCS2B02G269300	DET2	2B	364947818	Cr
TRAESCS2B02G275000	MAP1B	2B	379094707	Cr
TRAESCS2B02G255900	NS1	2B	296012982	Cr
TRAESCS2B02G272300	PSAK	2B	373746850	Cr

ACCESSION	GENE_NAME	CHRO	START	Trait regulated
TRAESCS2B02G267900	PR	2B	361125893	Cr
TRAESCS2B02G266900	PSKR	2B	359608269	Sdr
TRAESCS2B02G247300	HSP15.4	2B	253713658	Cr
TRAESCS2B02G275200	CF9	2B	379832241	Cr
TRAESCS2B02G255000	CYP21-3	2B	288470184	Sdr
TRAESCS2B02G253300	TRAESCS2B02G253300	2B	275294308	Cr
TRAESCS2B02G257100	TRAESCS2B02G257100	2B	303094016	Cr
TRAESCS2B02G266600	AAP1	2B	359130524	Sdr
TRAESCS2B02G273400	TRAESCS2B02G273400	2B	374685224	Cr
TRAESCS2B02G275600	TRAESCS2B02G275600	2B	380308325	Cr
TRAESCS2B02G274400	TRAESCS2B02G274400	2B	377526036	Sdr
TRAESCS2B02G248500	TRAESCS2B02G248500	2B	254786750	Cr
TRAESCS2B02G256300	TRAESCS2B02G256300	2B	298151055	Cr
TRAESCS2B02G259100	CI51	2B	320738984	Sdr
TRAESCS2B02G269200	CPK17	2B	364729261	Cr
TRAESCS2B02G246800	TRAESCS2B02G246800	2B	250901986	Cr
TRAESCS2B02G259700	TRAESCS2B02G259700	2B	324794055	Cr
TRAESCS2B02G250400	FPP	2B	259781668	Sdr
TRAESCS2B02G261500	TRAESCS2B02G261500	2B	335493444	Sdr
TRAESCS2B02G265300	ATP9	2B	357675575	Sdr
TRAESCS2B02G259300	TRAESCS2B02G259300	2B	321690002	Sdr
TRAESCS2B02G254400	TRAESCS2B02G254400	2B	283013461	Sdr
TRAESCS2B02G267800	TRAESCS2B02G267800	2B	360981446	Sdr
TRAESCS2B02G274300	TRAESCS2B02G274300	2B	377334561	Sdr
TRAESCS2B02G261000	FTIP7	2B	331228711	Sdr
TRAESCS2B02G250100	PPC3-1.2	2B	259364568	Sdr
TRAESCS2B02G255100	TRAESCS2B02G255100	2B	288936508	Cr
TRAESCS2B02G252200	PNG1	2B	269360367	Sdr
TRAESCS2B02G254800	2KGR	2B	286508203	Cr
TRAESCS2B02G270000	TRAESCS2B02G270000	2B	368303722	Sdr
TRAESCS2B02G263800	TRAESCS2B02G263800	2B	355885467	Sdr
TRAESCS2B02G252900	NUP54	2B	272756410	Sdr
TRAESCS2B02G247900	TRAESCS2B02G247900	2B	254621790	Sdr
TRAESCS2B02G245900	TRAESCS2B02G245900	2B	250065530	Sdr
TRAESCS2B02G274700	TRAESCS2B02G274700	2B	378435090	Sdr
TRAESCS2B02G257400	TRAESCS2B02G257400	2B	308714375	Cr
TRAESCS2B02G262100	TRAESCS2B02G262100	2B	339108410	Sdr
TRAESCS2B02G252000	MYB2	2B	266961015	Cr
TRAESCS2B02G273000	TRAESCS2B02G273000	2B	374239120	Cr
TRAESCS2B02G268600	TRAESCS2B02G268600	2B	363486580	Cr

Cr=Circadian clocking, FL=Flowering, Sdr=Seed dormancy, Vr=Vernalization

Table S3. Passport information of the accessions and ancestral coefficients (Q1 and Q2) based on the unique 2B region from genome scan of WG resequencing data

Accession	Acc_ID	Subspecies	Common name	Latitude	Longitude	Q1	Q2	Group
HUN_Ttur_Riv	B002	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	47.41667	19.33333	0.0001	0.9999	Group1
GEO_Ttur_Riv	B008	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	41.71667	44.81667	0.0001	0.9999	Group1
IRN_Ttur_Riv	B009	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	38	45	0.0001	0.9999	Group1
AFG_Ttur_Kho	B056	<i>Triticum turgidum</i> L. ssp. <i>turanicum</i> (Jakubz.) A. Love & D. Love	Khorasan wheat	34.345	62.19972	0.0001	0.9999	Group1
ESP_Ttur_Dom	B064	<i>Triticum turgidum</i> L. ssp. <i>dicoccum</i> (Schrank) Thell.	Domesticated Emmer	43.36667	-5.83333	0.0001	0.9999	Group1
GBR_Ttur_Dom	B076	<i>Triticum turgidum</i> L. ssp. <i>dicoccum</i> (Schrank) Thell.	Domesticated emmer	53	-2	0.0001	0.9999	Group1
CHN_Ttur_Per	B093	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	45.75	126.65	0.0001	0.9999	Group1
HUN_Ttur_Per	B094	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	47.41667	19.33333	0.0001	0.9999	Group1
TUR_Ttur_Per	B096	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	41.13333	42.91667	0.0001	0.9999	Group1
GEO_Ttur_Per	B097	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	41.71667	44.78333	0.0001	0.9999	Group1
GEO_Ttur_Per	B098	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	41.71667	44.78333	0.0001	0.9999	Group1
TUR_Ttur_Per	B099	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	40.88333	43.26667	0.0001	0.9999	Group1
GEO_Ttur_Per	B100	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	41.71667	44.78333	0.0001	0.9999	Group1
GEO_Tkar_Geo	B110	<i>Triticum karamyshevii</i> NEVSKI var. <i>karamyshevii</i>	Georgian wheat	41.62667	44.68333	0.0001	0.9999	Group1
GEO_Tkar_Geo	B111	<i>Triticum karamyshevii</i> NEVSKI var. <i>karamyshevii</i>	Georgian wheat	41.71667	44.88333	0.0001	0.9999	Group1
GEO_Tkar_Geo	B112	<i>Triticum karamyshevii</i> NEVSKI var. <i>karamyshevii</i>	Georgian wheat	41.62667	44.80333	0.0001	0.9999	Group1
HUN_Ttur_Riv	B004	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	47.41667	19.33333	0.0013	0.9987	Group1
TUR_Ttur_Per	B101	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	40.91667	42.61667	0.0021	0.9980	Group1
GEO_Ttur_Per	B102	<i>Triticum turgidum</i> L. ssp. <i>carthlicum</i> (Nevski) A. Love & D. Love	Persian wheat	43	42.61667	0.0032	0.9968	Group1
TUR_Ttur_Kho	B061	<i>Triticum turgidum</i> L. ssp. <i>turanicum</i> (Jakubz.) A. Love & D. Love	Khorasan wheat	37.45056	35.81639	0.0032	0.9968	Group1
ISR_Ttur_Wil	B040	<i>Triticum turgidum</i> L. ssp. <i>dicoccoides</i> (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	31.8	35.03333	0.0063	0.9937	Group1
SYR_Ttur_Wil	B027	<i>Triticum turgidum</i> L. ssp. <i>dicoccoides</i> (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.86944	36.03083	0.9978	0.0022	Group2
HUN_Ttur_Kho	B054	<i>Triticum turgidum</i> L. ssp. <i>turanicum</i> (Jakubz.) A. Love & D. Love	Khorasan wheat	47.41667	19.33333	0.9982	0.0018	Group2
LBN_Ttur_Wil	B034	<i>Triticum turgidum</i> L. ssp. <i>dicoccoides</i> (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	33.51667	35.86667	0.9984	0.0016	Group2
ETH_Ttur_Dom	B082	<i>Triticum turgidum</i> L. ssp. <i>dicoccum</i> (Schrank) Thell.	Domesticated emmer	9.116667	38.38333	0.9994	0.0006	Group2
TUR_Ttur_Riv	B001	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	40	41.5	0.9999	0.0001	Group2
ETH_Ttur_Riv	B003	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	9.033333	38.7	0.9999	0.0001	Group2
MAC_Ttur_Riv	B005	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	41.16667	20.83333	0.9999	0.0001	Group2
MAC_Ttur_Riv	B006	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	41.55222	21.97639	0.9999	0.0001	Group2
TUR_Ttur_Riv	B007	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	41.21917	31.95583	0.9999	0.0001	Group2
TUR_Ttur_Riv	B010	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	38.18333	36.5	0.9999	0.0001	Group2
TUR_Ttur_Riv	B011	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	38	37	0.9999	0.0001	Group2
EGY_Ttur_Riv	B012	<i>Triticum turgidum</i> L. ssp. <i>turgidum</i>	Rivet wheat	29.5	34	0.9999	0.0001	Group2
ETH_Ttur_Pol	B013	<i>Triticum turgidum</i> L. ssp. <i>polonicum</i> (L.) Thell.	Polish wheat	8.966667	37.65	0.9999	0.0001	Group2
PRT_Ttur_Pol	B014	<i>Triticum turgidum</i> L. ssp. <i>polonicum</i> (L.) Thell.	Polish wheat	40.61667	-8.41667	0.9999	0.0001	Group2
HUN_Ttur_Pol	B015	<i>Triticum turgidum</i> L. ssp. <i>polonicum</i> (L.) Thell.	Polish wheat	47.41667	19.33333	0.9999	0.0001	Group2

Accession	Acc_ID	Subspecies	Common name	Latitude	Longitude	Q1	Q2	Group
ETH_Ttur_Pol	B016	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	8.533333	37.98333	0.9999	0.0001	Group2
ETH_Ttur_Pol	B017	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	8.966667	37.65	0.9999	0.0001	Group2
IND_Ttur_Pol	B018	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	24.58333	73.68333	0.9999	0.0001	Group2
ETH_Ttur_Pol	B019	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	8.966667	37.65	0.9999	0.0001	Group2
HUN_Ttur_Pol	B020	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	47.41667	19.33333	0.9999	0.0001	Group2
TUR_Ttur_Pol	B021	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	39.91361	28.15778	0.9999	0.0001	Group2
PRT_Ttur_Pol	B022	<i>Triticum turgidum</i> L. ssp. polonicum (L.) Thell.	Polish wheat	40.61667	-8.41667	0.9999	0.0001	Group2
IRN_Ttur_Wil	B023	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	34.36667	46.1	0.9999	0.0001	Group2
SYR_Ttur_Wil	B024	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.99	35.69	0.9999	0.0001	Group2
ISR_Ttur_Wil	B025	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.59667	35.00194	0.9999	0.0001	Group2
ISR_Ttur_Wil	B026	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	31.95	35.33333	0.9999	0.0001	Group2
ISR_Ttur_Wil	B028	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.59667	35.00194	0.9999	0.0001	Group2
ISR_Ttur_Wil	B029	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.96667	35.53333	0.9999	0.0001	Group2
SYR_Ttur_Wil	B030	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.99	35.69	0.9999	0.0001	Group2
LBN_Ttur_Wil	B031	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	33.51667	35.86667	0.9999	0.0001	Group2
ISR_Ttur_Wil	B032	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.9	35.38333	0.9999	0.0001	Group2
TUR_Ttur_Wil	B033	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	37.88333	39.86667	0.9999	0.0001	Group2
LBN_Ttur_Wil	B035	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	33.53667	35.86667	0.9999	0.0001	Group2
ISR_Ttur_Wil	B036	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.96667	35.53333	0.9999	0.0001	Group2
SYR_Ttur_Wil	B037	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.64778	36.79	0.9999	0.0001	Group2
TUR_Ttur_Wil	B038	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	37.86667	39.88333	0.9999	0.0001	Group2
ISR_Ttur_Wil	B039	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.59667	35.00194	0.9999	0.0001	Group2
TUR_Ttur_Wil	B041	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	37.88333	39.86667	0.9999	0.0001	Group2
LBN_Ttur_Wil	B042	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	33.50111	35.83944	0.9999	0.0001	Group2
ISR_Ttur_Wil	B044	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.96667	35.53333	0.9999	0.0001	Group2
TUR_Ttur_Wil	B045	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	37.88333	39.86667	0.9999	0.0001	Group2
TUR_Ttur_Wil	B046	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	37.78333	39.76667	0.9999	0.0001	Group2
ISR_Ttur_Wil	B047	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	31.8	35.03333	0.9999	0.0001	Group2
ISR_Ttur_Wil	B048	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.96667	35.53333	0.9999	0.0001	Group2
SYR_Ttur_Wil	B049	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.99	35.69	0.9999	0.0001	Group2
TUR_Ttur_Wil	B050	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	37.88333	39.86667	0.9999	0.0001	Group2
SYR_Ttur_Wil	B052	<i>Triticum turgidum</i> L. ssp. dicoccoides (Korn. ex Asch. & Graebn.) Thell.	Wild emmer	32.99	35.69	0.9999	0.0001	Group2
AFG_Ttur_Kho	B053	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	34.51667	65.13333	0.9999	0.0001	Group2
PRT_Ttur_Kho	B055	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	40.61667	-8.41667	0.9999	0.0001	Group2
IRN_Ttur_Kho	B057	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	34.31667	47.06667	0.9999	0.0001	Group2
IRN_Ttur_Kho	B058	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	34.31667	47.06667	0.9999	0.0001	Group2
IRN_Ttur_Kho	B059	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	35.86667	47.81667	0.9999	0.0001	Group2

Accession	Acc_ID	Subspecies	Common name	Latitude	Longitude	Q1	Q2	Group
TUR_Ttur_Kho	B060	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	40.75	33.41667	0.9999	0.0001	Group2
TUR_Ttur_Kho	B062	<i>Triticum turgidum</i> L. ssp. turanicum (Jakubz.) A. Love & D. Love	Khorasan wheat	37.73333	38.66667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B063	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.2	38.6	0.9999	0.0001	Group2
ETH_Ttur_Dom	B065	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.316667	42.11667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B066	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	13.48333	39.55	0.9999	0.0001	Group2
OMN_Ttur_Dom	B067	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	23.83333	56.33333	0.9999	0.0001	Group2
ETH_Ttur_Dom	B068	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	23.16667	57.66667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B069	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.316667	42.11667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B070	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.166667	38.81667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B071	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	8.866667	38.78333	0.9999	0.0001	Group2
SRB_Ttur_Dom	B072	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	44.83333	20.5	0.9999	0.0001	Group2
ETH_Ttur_Dom	B073	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.316667	42.11667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B074	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	8.733333	38.98333	0.9999	0.0001	Group2
ETH_Ttur_Dom	B075	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.316667	42.11667	0.9999	0.0001	Group2
ETH_Ttur_Dom	B077	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	11.5	40	0.9999	0.0001	Group2
USA_Ttur_Dom	B078	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	46	-94	0.9999	0.0001	Group2
ETH_Ttur_Dom	B079	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	9.2	38.6	0.9999	0.0001	Group2
SRB_Ttur_Dom	B080	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	44.83333	20.5	0.9999	0.0001	Group2
IRN_Ttur_Dom	B081	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	32.68333	51.68333	0.9999	0.0001	Group2
Mon_Ttur_Dom	B083	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	42.35	19.3	0.9999	0.0001	Group2
RUS_Ttur_Dom	B084	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	42	47	0.9999	0.0001	Group2
RUS_Ttur_Dom	B085	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	42	47	0.9999	0.0001	Group2
RUS_Ttur_Dom	B086	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	43	47	0.9999	0.0001	Group2
RUS_Ttur_Dom	B087	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	42	47	0.9999	0.0001	Group2
ETH_Ttur_Dom	B088	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	8.6	39.11667	0.9999	0.0001	Group2
IRN_Ttur_Dom	B089	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	36.23333	46.26667	0.9999	0.0001	Group2
Arm_Ttur_Dom	B090	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	40.18333	44.5	0.9999	0.0001	Group2
IRN_Ttur_Dom	B091	<i>Triticum turgidum</i> L. ssp. dicoccum (Schrank) Thell.	Domesticated emmer	36.23333	46.26667	0.9999	0.0001	Group2
IRN_Tisp_Isp	B103	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	36.23333	46.29667	0.9999	0.0001	Group2
FRA_Tisp_Isp	B104	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	45.7772	3.087	0.9999	0.0001	Group2
IRN_Tisp_Isp	B105	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	36.23333	46.26667	0.9999	0.0001	Group2
FRA_Tisp_Isp	B106	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	45.7772	3.117	0.9999	0.0001	Group2
IRN_Tisp_Isp	B107	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	32.68333	51.68333	0.9999	0.0001	Group2
IRN_Tisp_Isp	B108	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	36.23333	46.26667	0.9999	0.0001	Group2
IRN_Tisp_Isp	B109	<i>Triticum ispahanicum</i> Heslot	Ispahanicum	33.56667	50.85	0.9999	0.0001	Group2
TUR_Ttur_Dur	B113	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	40.79778	29.43056	0.9999	0.0001	Group2
TUR_Ttur_Dur	B114	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	37.95	58.33333	0.9999	0.0001	Group2

Accession	Acc_ID	Subspecies	Common name	Latitude	Longitude	Q1	Q2	Group
IRN_Ttur_Dur	B115	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	34.31667	47.06667	0.9999	0.0001	Group2
IRN_Ttur_Dur	B116	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	32.31667	50.83333	0.9999	0.0001	Group2
IRN_Ttur_Dur	B117	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	37	49	0.9999	0.0001	Group2
IRN_Ttur_Dur	B118	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	34.13333	45.91667	0.9999	0.0001	Group2
IRN_Ttur_Dur	B119	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	34.31667	47.06667	0.9999	0.0001	Group2
IRN_Ttur_Dur	B120	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	32.68333	51.68333	0.9999	0.0001	Group2
IRN_Ttur_Dur	B121	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	34.11167	46.52833	0.9999	0.0001	Group2
KAZ_Ttur_Dur	B122	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	51.8	68.33333	0.9999	0.0001	Group2
IRN_Ttur_Dur	B123	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	34.31667	47.06667	0.9999	0.0001	Group2
TUR_Ttur_Dur	B124	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	37.02944	37.99028	0.9999	0.0001	Group2
PRT_Ttur_Dur	B125	<i>Triticum turgidum</i> L. ssp. durum (Desf.) Husn.	Durum	39	-9.13333	0.9999	0.0001	Group2

Passport information was extracted from (Zhou et al. 2020), each color shade indicates accessions sharing over 98% of their ancestral proportion.

Zhou Y, Zhao X, Li Y, Xu J, Bi A, Kang L, Xu D, Chen H, Wang Y, Wang Y-g (2020) *Triticum* population sequencing provides insights into wheat adaptation. *Nature genetics* 52:1412-1422