

Table S4 Candidate selected regions positions in Landrace, including the chromosome number, start position, end position, length and REHH *P*-value.

Chromosome	Start Base	End Base	length (kb)	REHH pValue
1	2720060	2728112	8.052	0.00604
1	8670943	8797806	126.863	0.00884
1	75711416	75961438	250.022	0.00818
1	76646987	76712605	65.618	0.00757
1	248060962	248841642	780.68	0.00243
1	265063188	265212930	149.742	0.00815
1	267912471	267930764	18.293	0.00467
1	274529270	274846709	317.439	0.00134
1	274860906	274870329	9.423	0.00430
1	275263941	275281020	17.079	0.00167
1	276248398	276328312	79.914	0.00698
2	104165	105312	1.147	0.00431
2	6227731	6239068	11.337	0.00431
2	12080271	12082661	2.39	0.00962
2	15569156	15593980	24.824	0.00501
2	16111708	16299440	187.732	0.00815
2	44253226	44276611	23.385	0.00006
2	46548685	46559490	10.805	0.00205
2	46575696	46581686	5.99	0.00725
2	51157690	51213386	55.696	0.00189
2	54285052	54324554	39.502	0.00664
2	62355986	62756249	400.263	0.00489
2	72143419	72172550	29.131	0.00087
2	75012826	75048543	35.717	0.00690
2	85467258	86506548	1039.29	0.00473
2	86621096	86623463	2.367	0.00027
2	86657275	86658459	1.184	0.00323
2	109223958	109232522	8.564	0.00688
2	123531854	123608317	76.463	0.00753
2	129492900	129873043	380.143	0.00338
2	130390065	130426150	36.085	0.00191
2	135192655	135235679	43.024	0.00589
2	135288846	135323368	34.522	0.00010
2	135902965	135911446	8.481	0.00100
2	136445885	136465378	19.493	0.00761
3	3730382	3773007	42.625	0.00652
3	25786799	25831014	44.215	0.00002
3	33994291	34061167	66.876	0.00824
3	35067225	35069297	2.072	0.00003
3	41784715	41806056	21.341	0.00207
3	52871142	52980194	109.052	0.00731
3	79696229	80033688	337.459	0.00011
3	86868919	86881075	12.156	0.00080
3	86928554	87072038	143.484	0.00101
3	91117841	91119697	1.856	0.00852
3	101367517	101376295	8.778	0.00535
3	109643456	109662549	19.093	0.00946
3	112331124	112346704	15.58	0.00369
3	112565426	112652605	87.179	0.00983
4	5966149	6015713	49.564	0.00527
4	7217046	7228169	11.123	0.00389
4	8895943	8958647	62.704	0.00717
4	11728312	11737136	8.824	0.00682
4	13664088	13673251	9.163	0.00002
4	13925975	13947083	21.108	0.00337
4	65585470	65734465	148.995	0.00062
4	89190127	89371382	181.255	0.00556

4	116903762	116967317	63.555	0.00164
4	127279012	127296970	17.958	0.00948
4	127919489	128058401	138.912	0.00818
4	134673726	134679974	6.248	0.00007
5	6988526	7058468	69.942	0.00162
5	16760689	16784470	23.781	0.00166
5	16899588	16908707	9.119	0.00857
5	16917037	16939465	22.428	0.00283
5	17248525	17487183	238.658	0.00070
5	23288996	24074802	785.806	0.00001
5	59227995	59233749	5.754	0.00751
5	65010845	65012625	1.78	0.00775
5	65748708	65853266	104.558	0.00070
5	66396846	66725591	328.745	0.00612
5	85123381	85141164	17.783	0.00000
5	98963928	98979519	15.591	0.00499
6	20157114	2018244	2.53	0.00515
6	2437782	2451454	13.672	0.00008
6	5313442	5321062	7.62	0.00735
6	6042725	6044032	1.307	0.00945
6	11428439	11433360	4.921	0.00038
6	32430543	32462606	32.063	0.00579
6	43183409	43195431	12.022	0.00779
6	43719388	43757067	37.679	0.00163
6	45132311	45240779	108.468	0.00030
6	48786281	48827942	41.661	0.00662
6	52126614	52130546	3.932	0.00160
6	52916066	52952794	36.728	0.00289
6	53996236	54004991	8.755	0.00286
6	55206642	55249128	42.486	0.00355
6	59590391	59594033	3.642	0.00589
6	60451665	60477157	25.492	0.00841
6	111796324	111865994	69.67	0.00046
6	119198939	119344591	145.652	0.00585
7	2583283	2633689	50.406	0.00335
7	31328420	31403571	75.151	0.00562
7	37868926	37882108	13.182	0.00696
7	42113358	42121912	8.554	0.00579
7	44664442	44815886	151.444	0.00323
7	45312195	45574460	262.265	0.00544
7	45574557	45670173	95.616	0.00024
7	45821420	45825154	3.734	0.00059
7	81079591	81157484	77.893	0.00842
7	100703442	100775415	71.973	0.00649
7	100799156	100900149	100.993	0.00656
7	129847682	129862340	14.658	0.00493
7	129871710	129891398	19.688	0.00298
7	130911235	131011722	100.487	0.00579
7	131291714	131388688	96.974	0.00705
7	135838328	135850039	11.711	0.00839
8	7917175	8222923	305.748	0.00327
8	13918360	14178521	260.161	0.00427
8	16005362	16014044	8.682	0.00902
8	34998191	35275833	277.642	0.00878
8	35464232	35499722	35.49	0.00856
8	36296387	36418619	122.232	0.00151
8	66333476	66348788	15.312	0.00172
9	1412630	1435353	22.723	0.00016
9	1456480	1479023	22.543	0.00272
9	2223331	2577505	354.174	0.00792
9	3900084	3919118	19.034	0.00881

9	3927497	3978728	51.231	0.00414
9	8728245	8921325	193.08	0.00861
9	9330894	9333120	2.226	0.00703
9	10316574	10336296	19.722	0.00380
9	11120076	11136889	16.813	0.00003
9	11137477	11149371	11.894	0.00034
9	11449284	11760977	311.693	0.00004
9	13033369	13036691	3.322	0.00264
9	13934282	14030509	96.227	0.00672
9	38376215	38417087	40.872	0.00673
9	40189621	40286365	96.744	0.00113
9	40793693	41170478	376.785	0.00525
9	43134418	43291918	157.5	0.00272
9	43577282	43702846	125.564	0.00004
9	45583765	45606973	23.208	0.00157
9	45617360	45648133	30.773	0.00115
9	48061236	48071123	9.887	0.00789
9	55553309	55559987	6.678	0.00469
9	56869539	57122277	252.738	0.00933
9	57230656	57379772	149.116	0.00300
9	57807771	58024106	216.335	0.00735
9	59429720	59470027	40.307	0.00037
9	59470597	59474437	3.84	0.00017
9	59871600	59874325	2.725	0.00053
9	85617778	86247590	629.812	0.00708
9	102847568	103896296	1048.728	0.00467
9	126923373	126948462	25.089	0.00745
10	10919229	10969568	50.339	0.00167
10	17343586	17375779	32.193	0.00300
10	24355832	24357955	2.123	0.00202
10	25139986	25249094	109.108	0.00272
10	26197521	26710943	513.422	0.00788
10	27194949	27253008	58.059	0.00185
10	41355314	41358400	3.086	0.00284
10	41416648	41623759	207.111	0.00521
10	45403837	45436342	32.505	0.00746
10	55016209	55104851	88.642	0.00746
10	61373240	61387469	14.229	0.00646
10	61665798	61681545	15.747	0.00443
10	63669866	63725092	55.226	0.00003
10	66308964	66315334	6.37	0.00733
11	8036209	8258372	222.163	0.00595
11	10272737	10377647	104.91	0.00062
11	10400737	11376721	975.984	0.00814
11	24361922	24445568	83.646	0.00777
11	44265228	44387879	122.651	0.00406
11	69720446	69788999	68.553	0.00386
11	71519780	71559246	39.466	0.00000
11	74414983	74471954	56.971	0.00225
11	77046562	77104667	58.105	0.00470
11	77297111	77299461	2.35	0.00000
11	77352551	77382743	30.192	0.00898
11	78318648	78678168	359.52	0.00421
11	78804463	78882793	78.33	0.00487
11	79439266	79588381	149.115	0.00382
12	6771152	6805468	34.316	0.00082
12	15890650	15938045	47.395	0.00012
12	16299226	16307618	8.392	0.00087
12	16814413	16832213	17.8	0.00467
12	16937097	17191735	254.638	0.00281
12	17359797	17470960	111.163	0.00869

12	17488444	17511411	22.967	0.00167
12	38945255	39011735	66.48	0.00228
12	41106478	41115838	9.36	0.00780
12	41158920	41165901	6.981	0.00851
12	42468535	42621081	152.546	0.00034
12	45218070	45343179	125.109	0.00398
12	50535159	50581774	46.615	0.00317
12	51579885	51586595	6.71	0.00989
12	51993650	51998150	4.5	0.00058
12	52401285	52444137	42.852	0.00750
12	57202186	57204631	2.445	0.00856
13	24266733	24267312	0.579	0.00365
13	24267318	24273627	6.309	0.00002
13	24283882	24294144	10.262	0.00037
13	41196871	42465605	1268.734	0.00821
13	46171060	46191223	20.163	0.00110
13	47235537	47466793	231.256	0.00310
13	56393014	56420697	27.683	0.00740
13	62159094	62189019	29.925	0.00076
13	78533208	78547992	14.784	0.00903
13	102674387	102823552	149.165	0.00630
13	141631795	141637416	5.621	0.00971
13	143037013	143152637	115.624	0.00705
14	6045300	6046145	0.845	0.00562
14	6074298	6076923	2.625	0.00289
14	6330280	6330820	0.54	0.00807
14	20498147	20518712	20.565	0.00153
14	20770534	20776020	5.486	0.00155
14	23894875	23902055	7.18	0.00929
14	24592939	24779049	186.11	0.00000
14	38956174	39000549	44.375	0.00287
14	50647172	50719083	71.911	0.00538
14	61679112	61684431	5.319	0.00005
14	62158666	62344147	185.481	0.00038
14	63905487	63947009	41.522	0.00020
14	84565309	84599981	34.672	0.00707
14	110280822	110542445	261.623	0.00358
14	115800516	115818716	18.2	0.00845
14	129434463	129463787	29.324	0.00523
14	133172029	133187479	15.45	0.00512
14	135158343	135201597	43.254	0.00277
14	137989307	137990497	1.19	0.00629
14	139739928	139768721	28.793	0.00056
14	141941845	141943935	2.09	0.00710
14	145133173	145162356	29.183	0.00500
14	147303864	147308017	4.153	0.00221
14	147971865	147980823	8.958	0.00775
15	9799888	10688672	888.784	0.00411
15	23661269	23829703	168.434	0.00347
15	28337682	28371962	34.28	0.00847
15	47125962	47707720	581.758	0.00684
15	55142754	55608192	465.438	0.00793
15	119209916	119688158	478.242	0.00135
15	119754640	119863636	108.996	0.00146
15	125565716	125568233	2.517	0.00169
15	125854620	125883334	28.714	0.00750
15	127568285	127613802	45.517	0.00950
15	128458380	128474244	15.864	0.00362
15	128498493	128627886	129.393	0.00349
15	128814327	128815902	1.575	0.00174
15	129682039	129697195	15.156	0.00211

15	129890630	129907063	16.433	0.00453
15	129932411	129963240	30.829	0.00405
15	132399449	132409627	10.178	0.00173
15	132413574	132429250	15.676	0.00002
15	132481584	132492360	10.776	0.00074
15	132515789	132517056	1.267	0.00024
15	132607839	132608624	0.785	0.00126
16	3201921	3210226	8.305	0.00219
16	45551749	45603080	51.331	0.00341
16	46472193	46771773	299.58	0.00519
16	72641192	72664136	22.944	0.00552
16	72938627	72939832	1.205	0.00025
17	31901134	32015790	114.656	0.00173
17	32108872	32109971	1.099	0.00064
17	34206246	34400408	194.162	0.00022
17	34421087	34505222	84.135	0.00030
17	34901568	34908632	7.064	0.00414
17	39862221	40018288	156.067	0.00098
17	46275105	46424519	149.414	0.00026
17	50146274	50159740	13.466	0.00566
18	4806052	4819485	13.433	0.00872
X	3065776	3066945	1.169	0.00246
X	4081840	4116513	34.673	0.00295
X	4166673	4196651	29.978	0.00047
X	4417608	4420301	2.693	0.00011
X	4425160	4431487	6.327	0.00001
X	32947183	33346388	399.205	0.00994
X	120212618	120275326	62.708	0.00529
X	122257439	122262036	4.597	0.00277