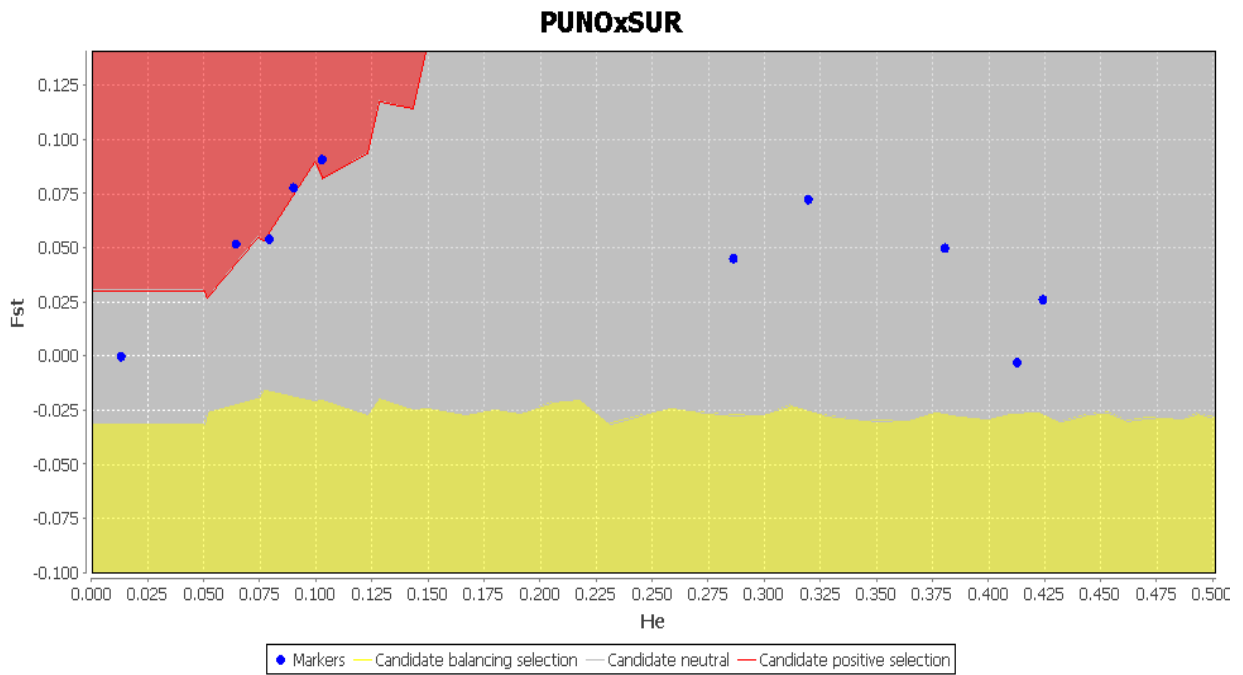


ANEXO 2: Análisis Fst Outlier (pares de poblaciones)

Tabla 1: SNPs utilizados

LOCI	Nombre SNP
LOCUS_1	rs4469829
LOCUS_2	rs1051246
LOCUS_3	rs3088308
LOCUS_4	rs12241521
LOCUS_5	rs911887
LOCUS_6	rs17885228
LOCUS_7	rs75409925
LOCUS_8	rs17883490
LOCUS_9	rs721917
LOCUS_10	rs12219080
LOCUS_11	rs114811126
LOCUS_12	rs77010722
LOCUS_13	rs75448566
LOCUS_14	rs75904699
LOCUS_15	rs1885550
LOCUS_16	rs116773696
LOCUS_17	rs72822457
LOCUS_18	rs79947284
LOCUS_19	rs2264953
LOCUS_20	rs76239460
LOCUS_21	rs12247705
LOCUS_22	rs4255480

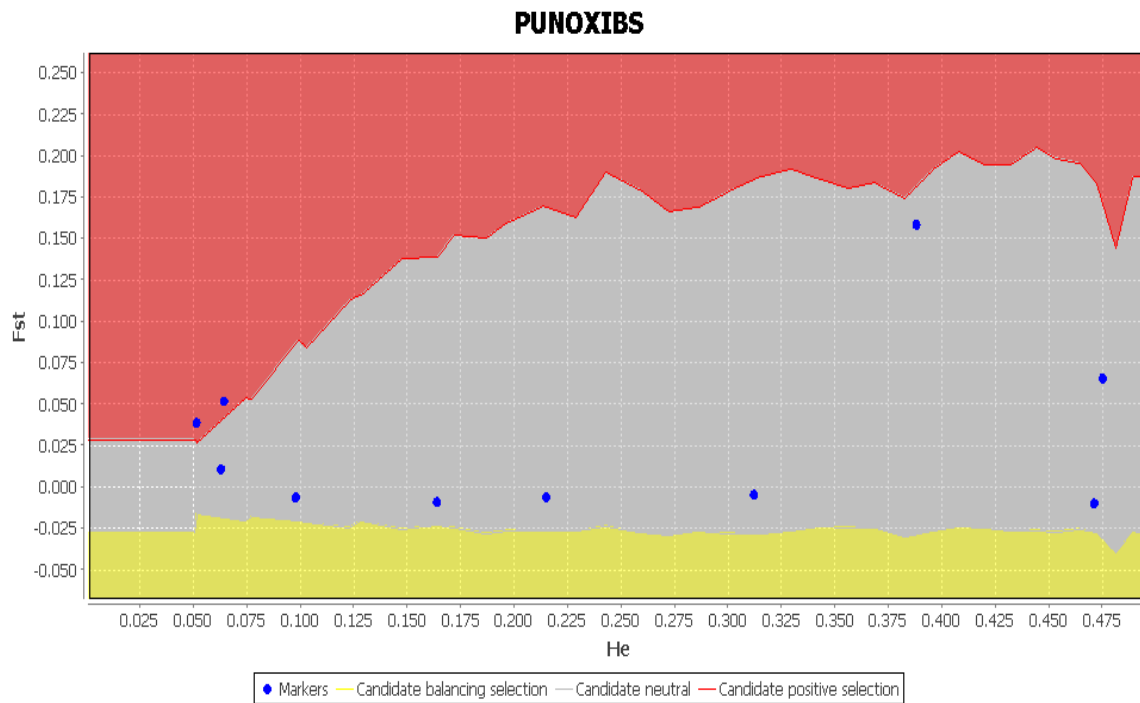
1) PunoxSUR (60ksims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.285996	0.045231	0.637267	--
Locus_3	0.319347	0.072483	0.716787	--
Locus_4	0.012821	0.0	0.5	--
Locus_5	0.424063	0.026276	0.570999	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.412558	-0.002897	0.36941	--
Locus_10	0.089744	0.077922	0.88038	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.078947	0.054054	0.76032	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.380342	0.050051	0.670801	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.089744	0.077922	0.88038	--
Locus_19	0.102564	0.090909	0.958811	--
Locus_20	0.285996	0.045231	0.637267	--
Locus_21	0.089744	0.077922	0.88038	--
Locus_22	0.064103	0.051948	0.5	--

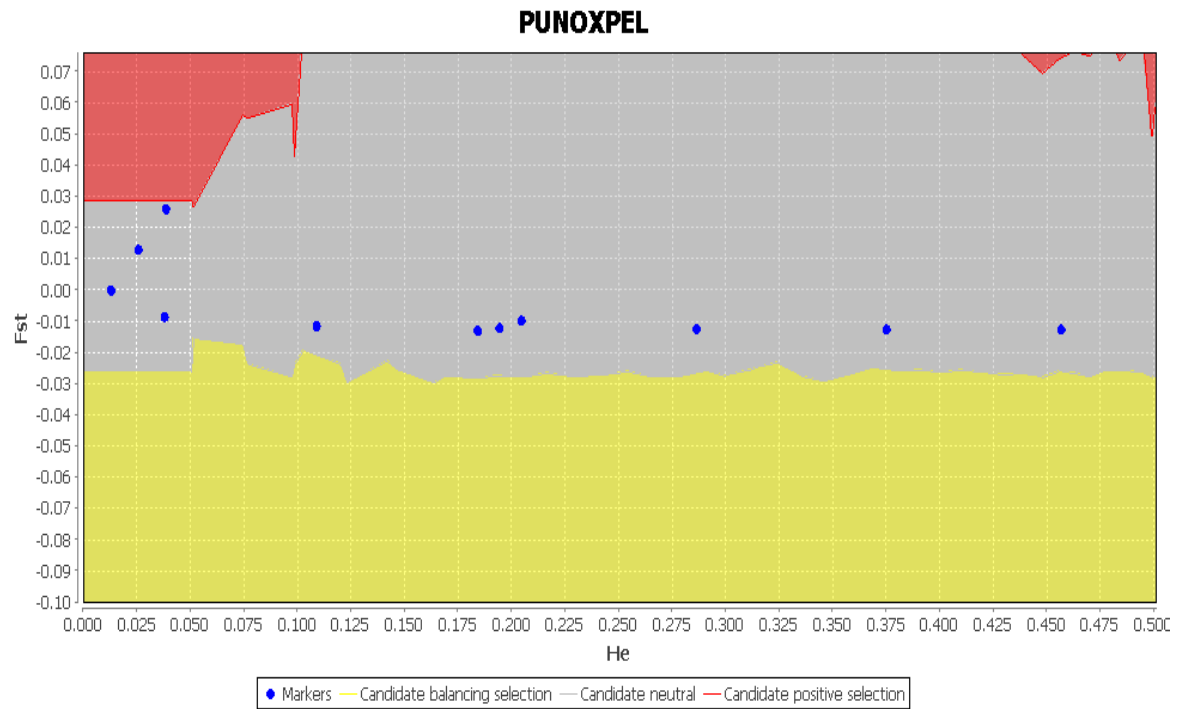
*Variables de la tabla: Locus, Heterocigosidad estimada (Het), Fst, P(Simul Fst<sample Fst) ó "Probabilidad de que el marcador esté dentro de los valores esperados para un modelo neutral según el número de simulaciones", FDR.

2) PunoxIBS (55ksims)



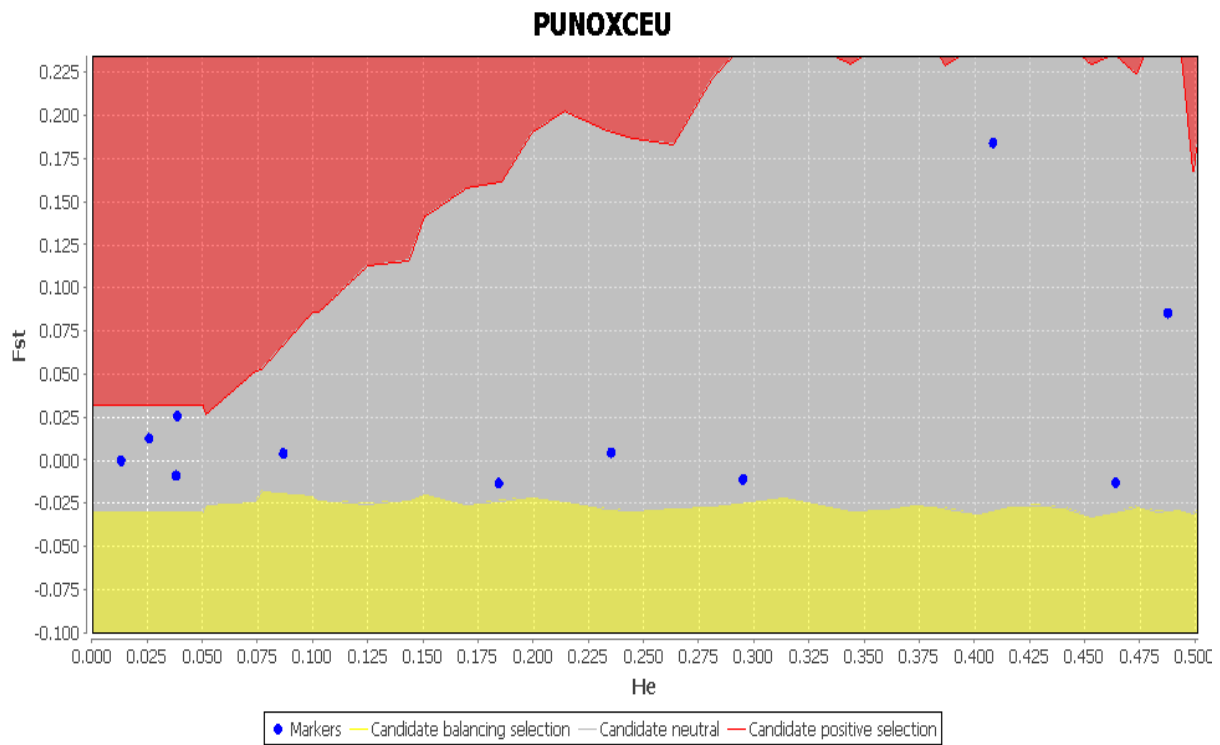
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.214661	-0.006006	0.401089	--
Locus_3	0.163708	-0.008919	0.32381	--
Locus_4	0.062788	0.010879	0.63995	--
Locus_5	0.471072	-0.009806	0.34124	--
Locus_6	0.051282	0.038961	0.816306	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.475016	0.065879	0.815536	--
Locus_10	0.051282	0.038961	0.816306	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.051282	0.038961	0.816306	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.311966	-0.004448	0.385014	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.064103	0.051948	0.936334	--
Locus_18	0.051282	0.038961	0.816306	--
Locus_19	0.387903	0.158706	0.959524	--
Locus_20	0.163708	-0.008919	0.32381	--
Locus_21	0.051282	0.038961	0.816306	--
Locus_22	0.097633	-0.006166	0.332411	--

3) PunoxPEL(65ksims)



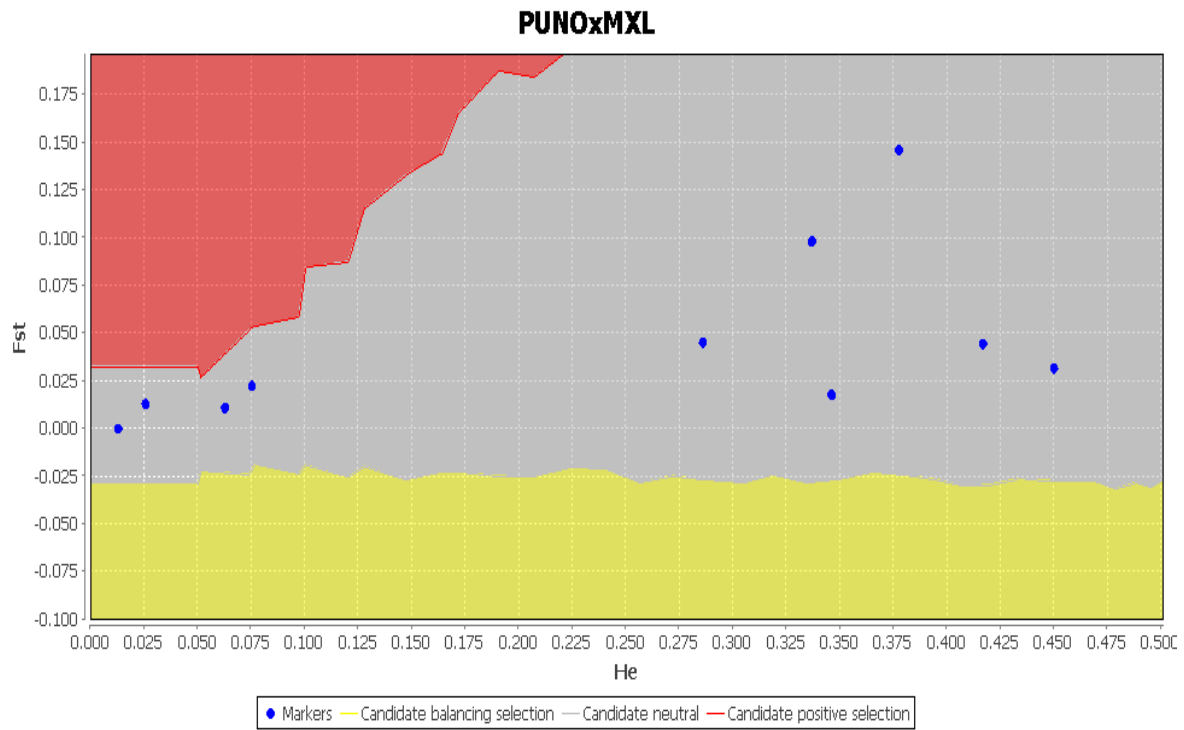
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.204471	-0.00973	0.464836	--
Locus_3	0.184089	-0.012987	0.439005	--
Locus_4	0.037804	-0.008583	0.5	--
Locus_5	0.456607	-0.012622	0.468416	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.375082	-0.012543	0.432265	--
Locus_10	0.038462	0.025974	0.5	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.286325	-0.012405	0.430765	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.025641	0.012987	0.5	--
Locus_19	0.19428	-0.01213	0.423402	--
Locus_20	0.184089	-0.012987	0.439005	--
Locus_21	0.025641	0.012987	0.5	--
Locus_22	0.10881	-0.011457	0.580186	--

4) PunoxCEU(50ksims)



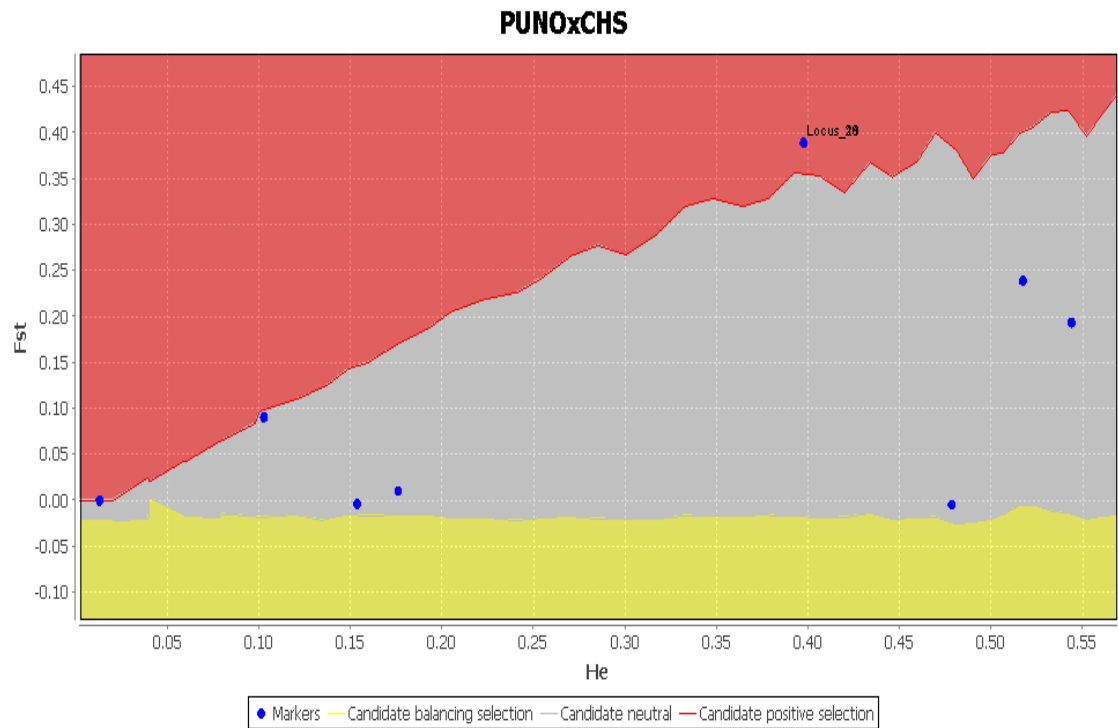
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.235043	0.004723	0.423264	--
Locus_3	0.184089	-0.012987	0.144802	--
Locus_4	0.037804	-0.008583	0.400696	--
Locus_5	0.46384	-0.012628	0.251915	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.487508	0.085716	0.803804	--
Locus_10	0.038462	0.025974	0.847527	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.025641	0.012987	0.650273	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.294872	-0.010728	0.245704	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.038462	0.025974	0.847527	--
Locus_19	0.408284	0.184391	0.928228	--
Locus_20	0.184089	-0.012987	0.144802	--
Locus_21	0.038462	0.025974	0.847527	--
Locus_22	0.086456	0.004345	0.436949	--

5) PunoxMXL(50ksims)



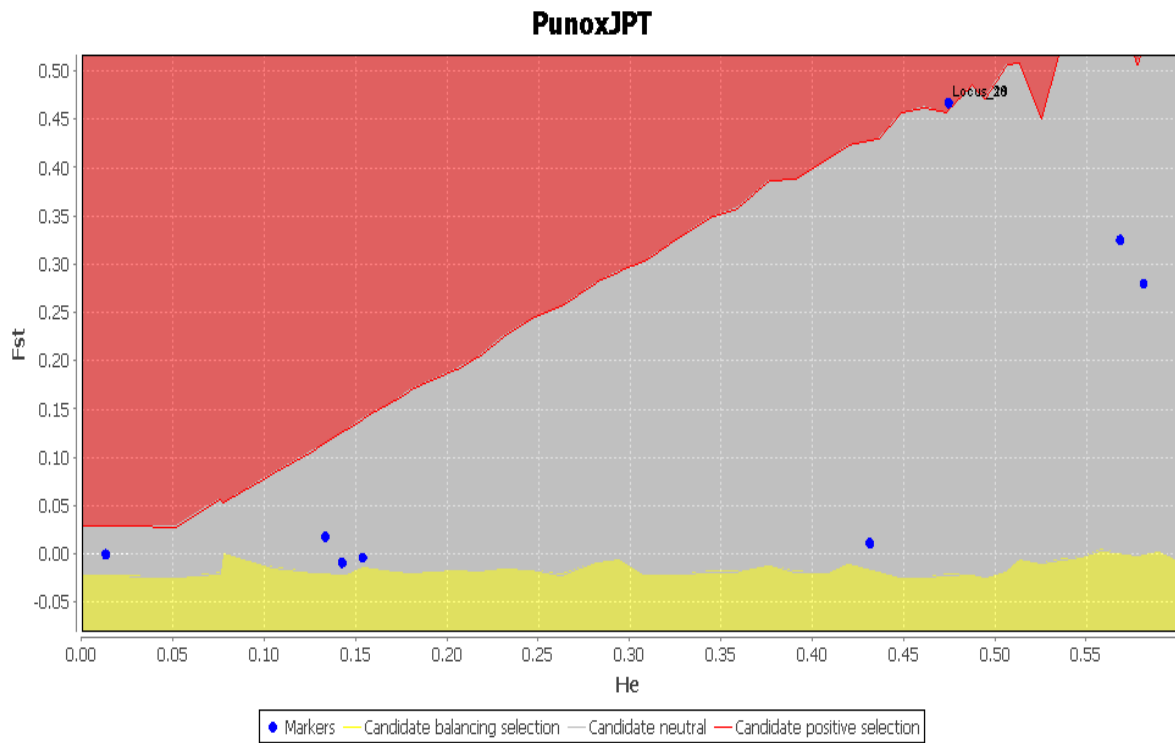
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.377712	0.146146	0.859371	--
Locus_3	0.285996	0.045231	0.602447	--
Locus_4	0.062788	0.010879	0.187532	--
Locus_5	0.416831	0.044533	0.601505	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.450033	0.03178	0.556486	--
Locus_10	0.025641	0.012987	0.67266	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.346154	0.017797	0.474608	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.025641	0.012987	0.67266	--
Locus_19	0.336949	0.098194	0.787833	--
Locus_20	0.285996	0.045231	0.602447	--
Locus_21	0.025641	0.012987	0.67266	--
Locus_22	0.075279	0.022401	0.406831	--

6) PunoxCHS(55ksims)



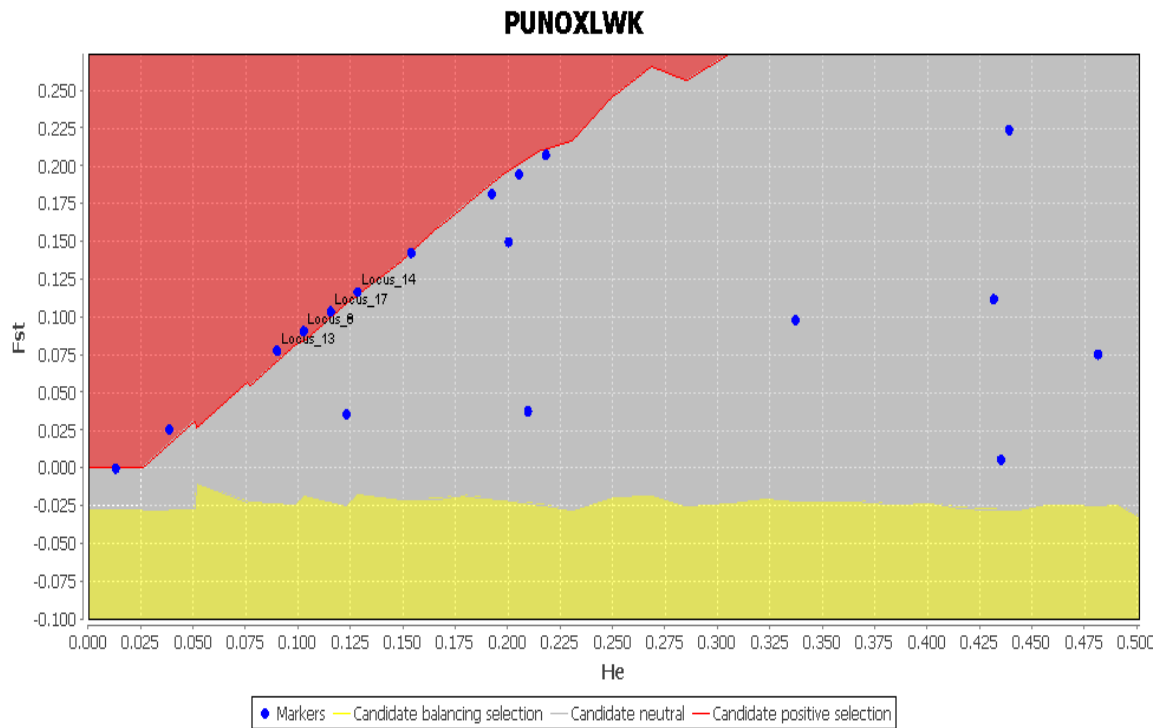
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.102564	0.090909	0.85192	--
Locus_3	0.102564	0.090909	0.85192	--
Locus_4	0.012821	0.0	0.5	--
Locus_5	0.478304	-0.004284	0.19411	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.543721	0.19402	0.760191	--
Locus_10	0.397436	0.38961	0.988308	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.517094	0.239455	0.865096	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.397436	0.38961	0.988308	--
Locus_19	0.153517	-0.003226	0.166606	--
Locus_20	0.102564	0.090909	0.85192	--
Locus_21	0.397436	0.38961	0.988308	--
Locus_22	0.175871	0.010681	0.291939	--

7) PunoxJPT (65ksims)



Locus	Het	Fst	P(simulated ...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.133136	0.018278	0.162532	--
Locus_3	0.133136	0.018278	0.162532	--
Locus_4	0.012821	0.0	0.5	--
Locus_5	0.431295	0.01172	0.155236	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.581197	0.280367	0.670798	--
Locus_10	0.474359	0.467532	0.977369	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.568376	0.325652	0.74591	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.474359	0.467532	0.977369	--
Locus_19	0.153517	-0.003226	0.083872	--
Locus_20	0.133136	0.018278	0.162532	--
Locus_21	0.474359	0.467532	0.977369	--
Locus_22	0.142341	-0.008308	0.066831	--

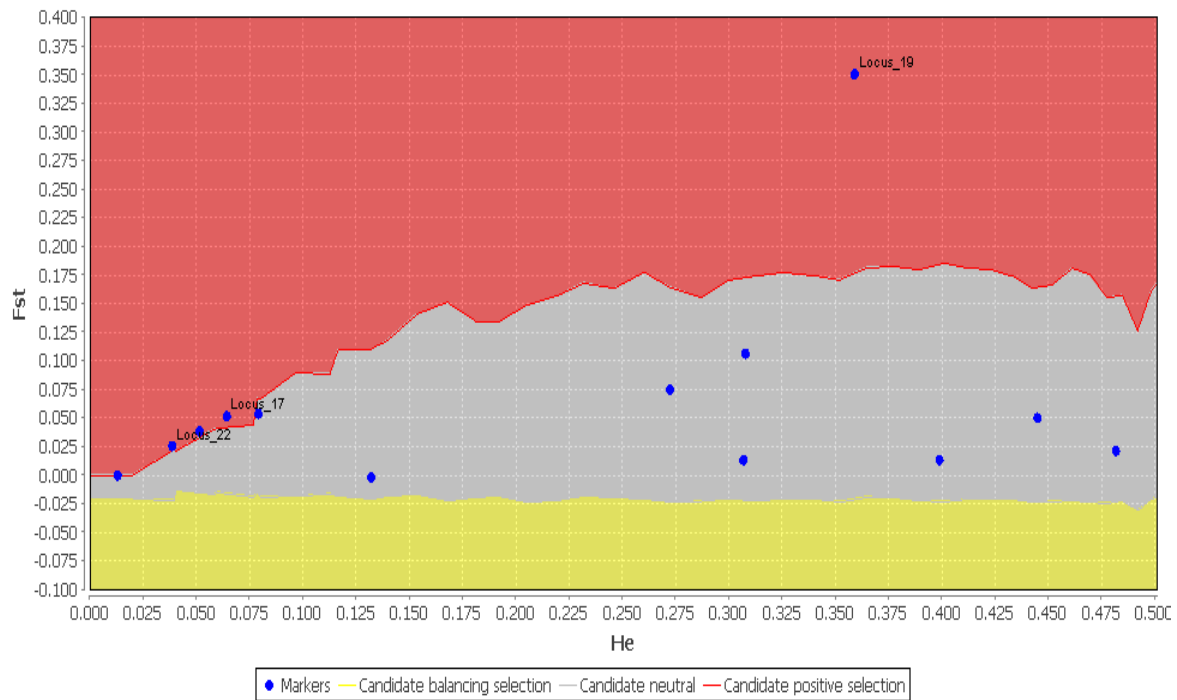
8) PunoxLWK(50ksims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.217949	0.207792	0.950082	--
Locus_2	0.336949	0.098194	0.600647	--
Locus_3	0.102564	0.090909	1.0	Outlier
Locus_4	0.200197	0.150022	0.809837	--
Locus_5	0.434911	0.005772	0.256543	--
Locus_6	0.102564	0.090909	1.0	Outlier
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	1.0	Outlier
Locus_9	0.481262	0.07558	0.562566	--
Locus_10	0.205128	0.194805	0.969453	--
Locus_11	0.153846	0.142857	0.78299	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.089744	0.077922	1.0	Outlier
Locus_14	0.128205	0.116803	1.0	Outlier
Locus_15	0.431624	0.111997	0.638792	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.115385	0.103896	1.0	Outlier
Locus_18	0.038462	0.025974	0.774268	--
Locus_19	0.438856	0.224135	0.845683	--
Locus_20	0.122945	0.035766	0.447819	--
Locus_21	0.192308	0.181818	0.916998	--
Locus_22	0.209402	0.037901	0.481125	--

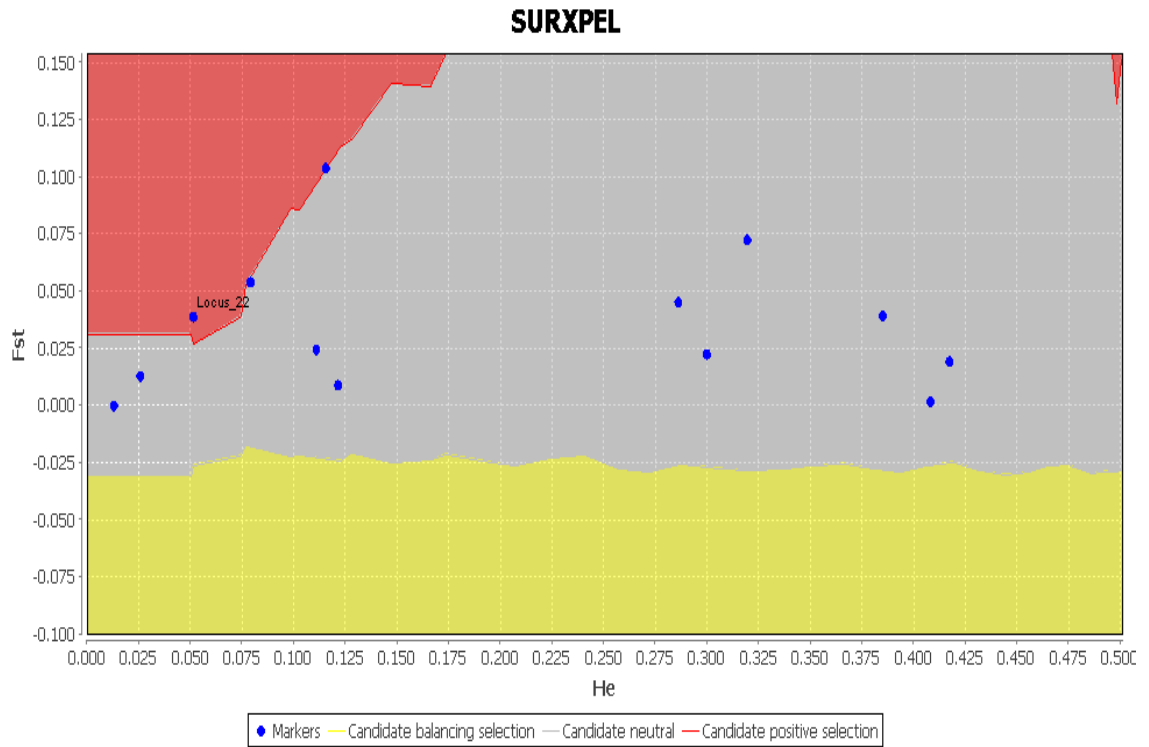
9) SURxIBS(60ksims)

SURXIBS



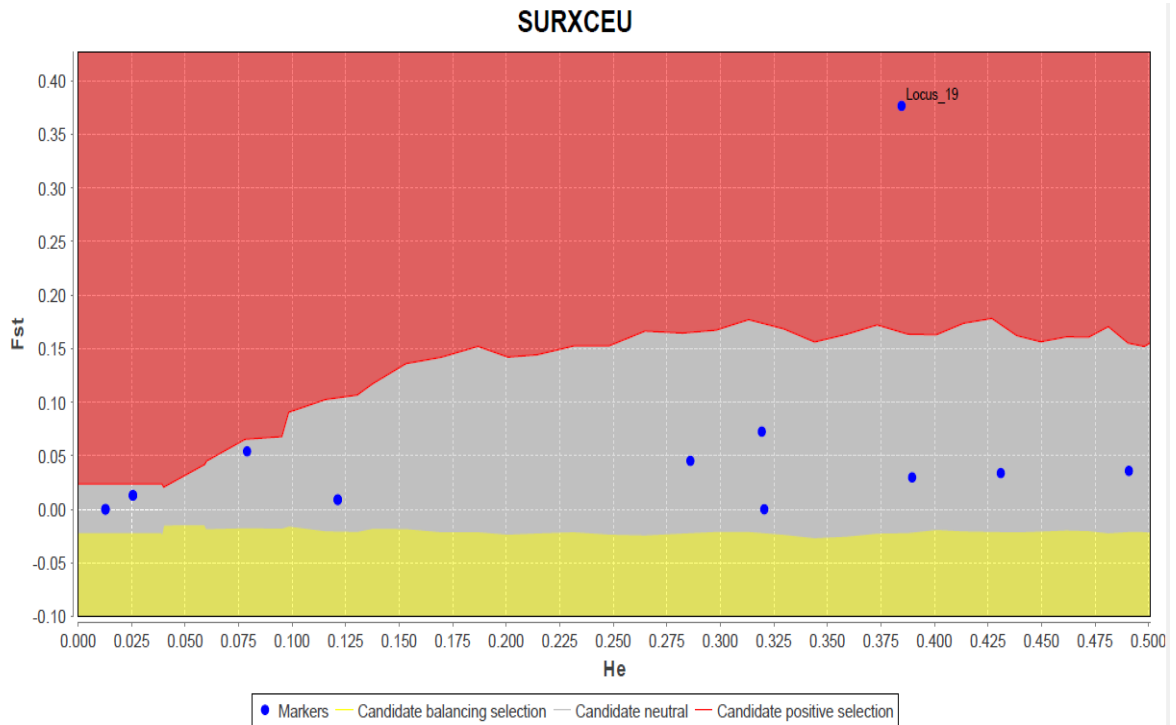
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.306706	0.013613	0.536422	--
Locus_3	0.307692	0.106614	0.895829	--
Locus_4	0.051282	0.038961	0.938057	--
Locus_5	0.444773	0.050278	0.757098	--
Locus_6	0.051282	0.038961	0.938057	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.481591	0.021586	0.631802	--
Locus_10	0.131821	-0.001619	0.332197	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.051282	0.038961	0.938057	--
Locus_13	0.078947	0.054054	0.737841	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.398751	0.013736	0.503551	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.064103	0.051948	1.0	Outlier
Locus_18	0.131821	-0.001619	0.332197	--
Locus_19	0.358974	0.350649	1.0	Outlier
Locus_20	0.272189	0.075099	0.825076	--
Locus_21	0.131821	-0.001619	0.332197	--
Locus_22	0.038462	0.025974	1.0	Outlier

10) SURxPEL(50ksims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.299803	0.022556	0.586952	--
Locus_3	0.319347	0.072483	0.794013	--
Locus_4	0.025641	0.012987	0.783104	--
Locus_5	0.41716	0.019342	0.587733	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.407955	0.001706	0.453108	--
Locus_10	0.121302	0.008975	0.456174	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.078947	0.054054	0.747952	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.384944	0.039349	0.702135	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.110782	0.024587	0.537759	--
Locus_19	0.115385	0.103896	0.911652	--
Locus_20	0.285996	0.045231	0.717381	--
Locus_21	0.110782	0.024587	0.537759	--
Locus_22	0.051282	0.038961	1.0	Outlier

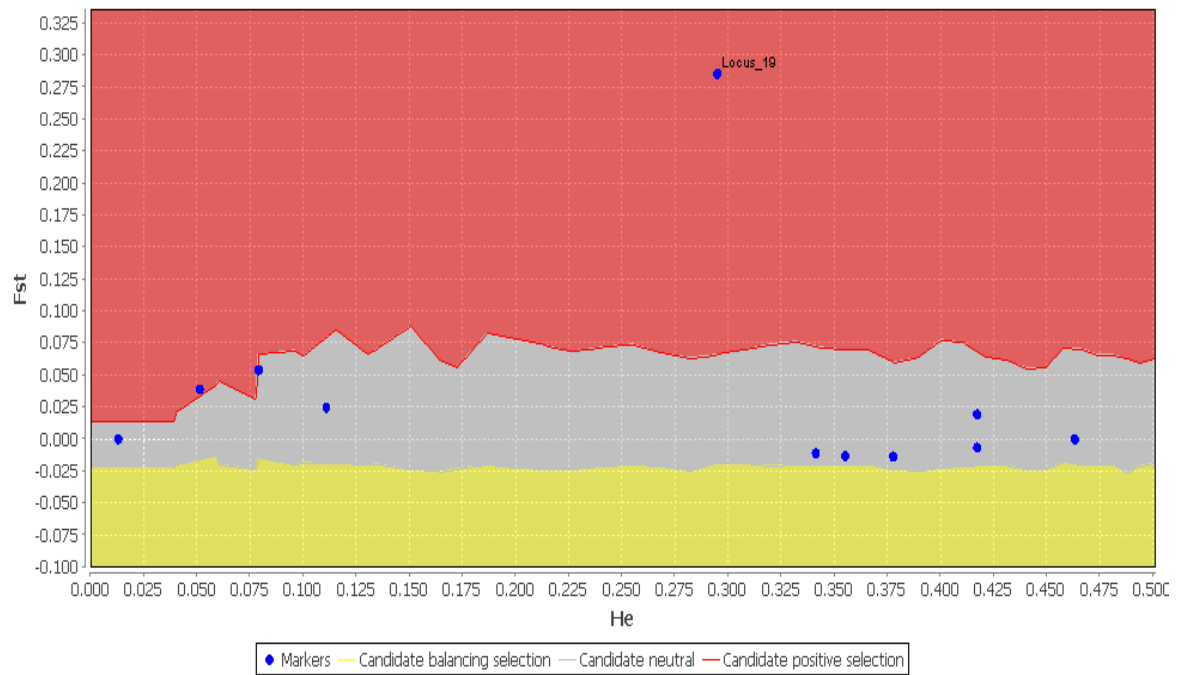
11) SURxCEU(50sims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.320513	0.0	0.392704	--
Locus_3	0.319347	0.072483	0.831394	--
Locus_4	0.025641	0.012987	0.635896	--
Locus_5	0.430966	0.03376	0.68636	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.490796	0.035864	0.779293	--
Locus_10	0.121302	0.008975	0.419763	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.025641	0.012987	0.635896	--
Locus_13	0.078947	0.054054	0.769872	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.389546	0.029755	0.655035	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.121302	0.008975	0.419763	--
Locus_19	0.384615	0.376623	0.999962	Outlier
Locus_20	0.285996	0.045231	0.740206	--
Locus_21	0.121302	0.008975	0.419763	--
Locus_22	0.025641	0.012987	0.635896	--

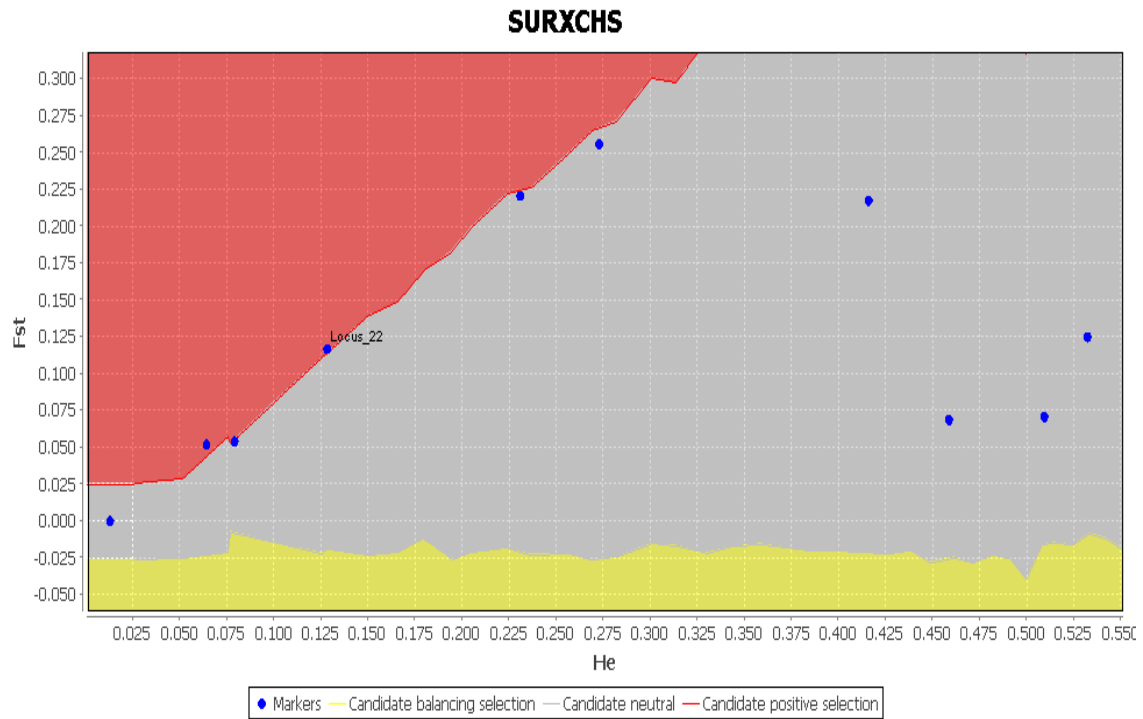
12) SURxMXL(60ksims)

SURxMXL



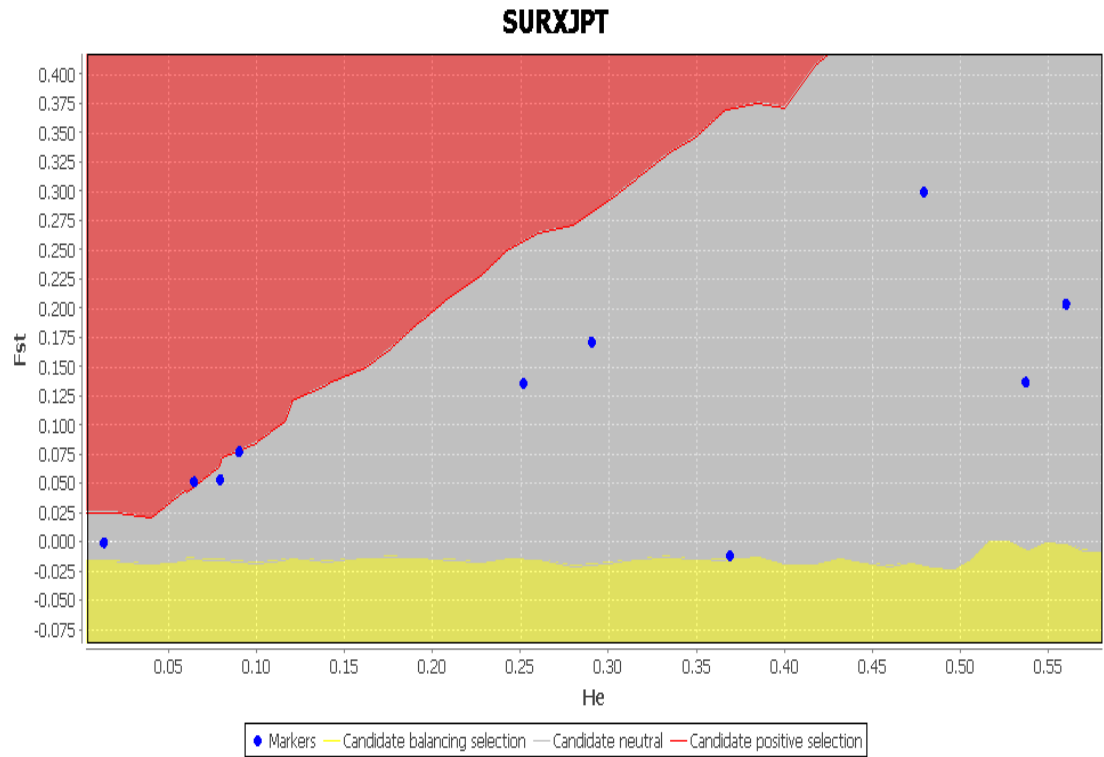
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.41716	0.019342	0.852404	--
Locus_3	0.377622	-0.013658	0.326165	--
Locus_4	0.051282	0.038961	0.5	--
Locus_5	0.341223	-0.011035	0.436445	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.463182	-4.6e-05	0.668849	--
Locus_10	0.110782	0.024587	0.855621	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.078947	0.054054	0.924523	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.41716	-0.006601	0.571285	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.110782	0.024587	0.855621	--
Locus_19	0.294872	0.285714	1.0	Outlier
Locus_20	0.35503	-0.012987	0.393891	--
Locus_21	0.110782	0.024587	0.855621	--
Locus_22	0.012821	0.0	0.5	--

13) SURxCHS(60ksims)



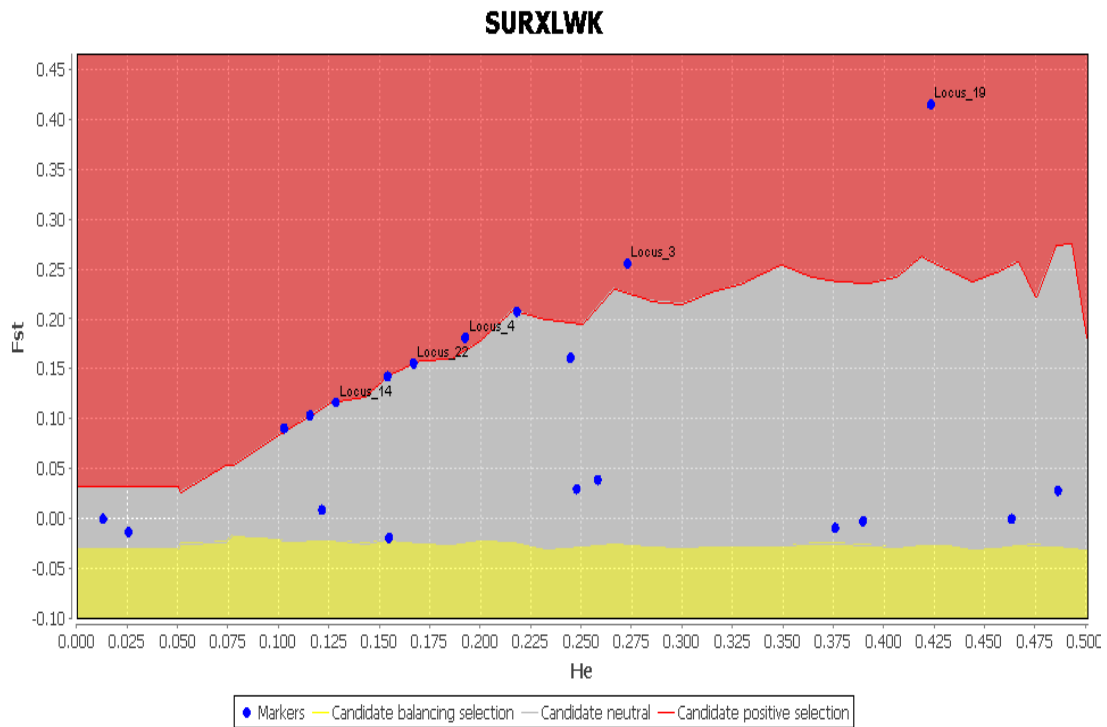
Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.230769	0.220779	0.962797	--
Locus_3	0.272727	0.255814	0.932306	--
Locus_4	0.0	-100.0	0.5	--
Locus_5	0.45858	0.068705	0.482571	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.532216	0.124977	0.59818	--
Locus_10	0.415845	0.217638	0.781607	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.078947	0.054054	0.715291	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.509204	0.07072	0.508801	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.415845	0.217638	0.781607	--
Locus_19	0.064103	0.051948	0.827164	--
Locus_20	0.230769	0.220779	0.962797	--
Locus_21	0.415845	0.217638	0.781607	--
Locus_22	0.128205	0.116883	1.0	Outlier

14) SURxJPT(55ksims)



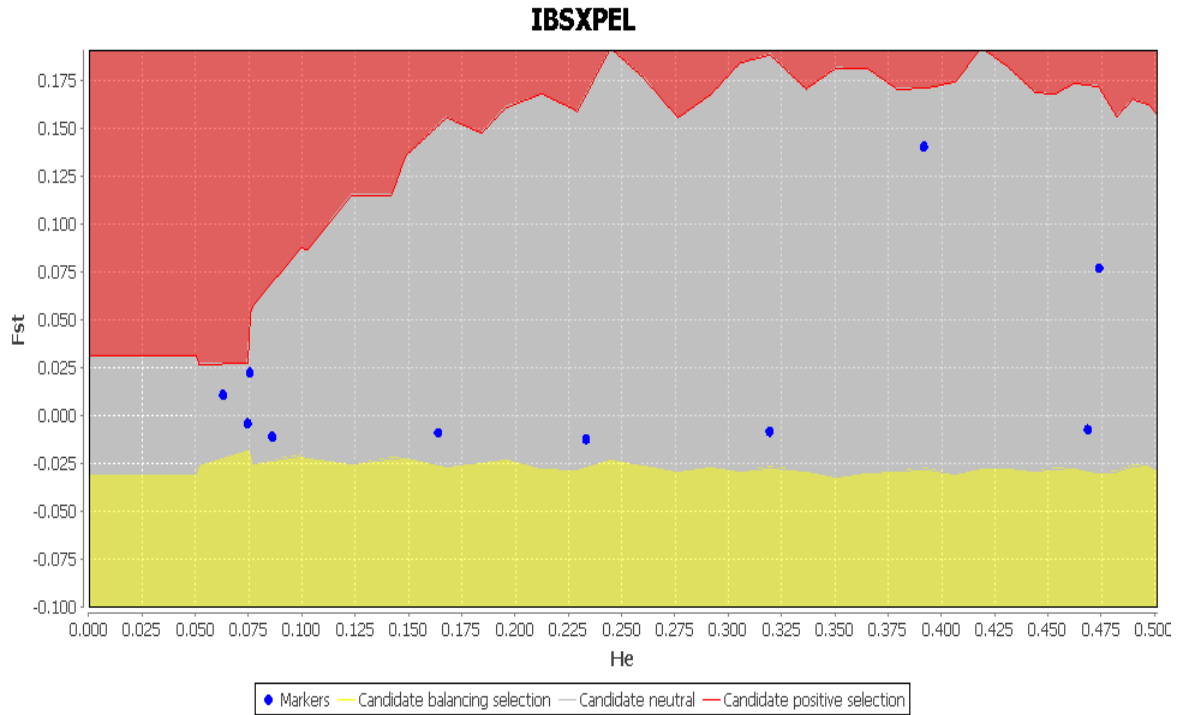
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.251479	0.135982	0.584055	--
Locus_3	0.29021	0.171557	0.649301	--
Locus_4	0.0	-100.0	0.5	--
Locus_5	0.368836	-0.011181	0.049185	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.559829	0.203827	0.604341	--
Locus_10	0.478961	0.299878	0.853689	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.078947	0.054054	0.635758	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.536818	0.137131	0.526164	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.478961	0.299878	0.853689	--
Locus_19	0.064103	0.051948	0.595786	--
Locus_20	0.251479	0.135982	0.584055	--
Locus_21	0.478961	0.299878	0.853689	--
Locus_22	0.089744	0.077922	0.734552	--

15) SURxLWK(50ksims)



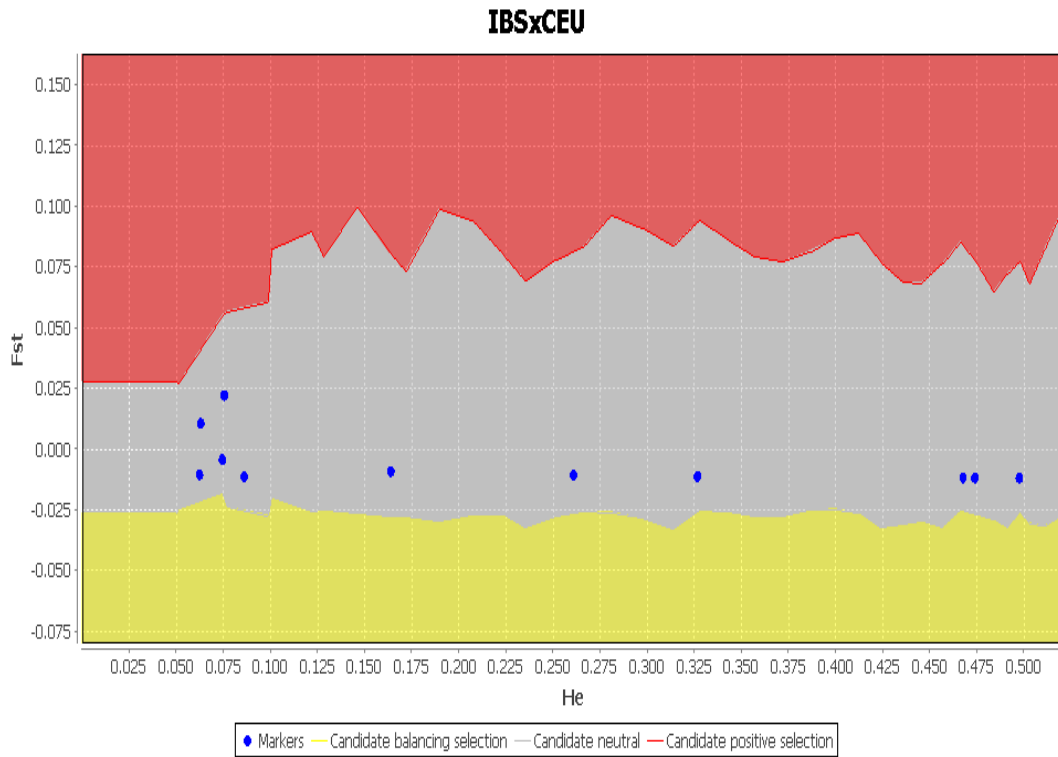
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.217949	0.207792	0.965024	--
Locus_2	0.389546	-0.002301	0.329762	--
Locus_3	0.272727	0.255814	0.993535	--
Locus_4	0.192308	0.181818	0.995516	--
Locus_5	0.37574	-0.008999	0.251202	--
Locus_6	0.102564	0.090909	0.818273	--
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	0.818273	--
Locus_9	0.486193	0.02845	0.621997	--
Locus_10	0.258054	0.039275	0.606918	--
Locus_11	0.153846	0.142857	0.968201	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.154521	-0.01883	0.100503	--
Locus_14	0.128205	0.116883	0.98312	--
Locus_15	0.463182	-4.6e-05	0.392126	--
Locus_16	0.025312	-0.012987	0.5	--
Locus_17	0.115385	0.103896	0.882733	--
Locus_18	0.121302	0.008975	0.49666	--
Locus_19	0.423077	0.415584	0.999703	Outlier
Locus_20	0.244576	0.16129	0.939522	--
Locus_21	0.247535	0.030062	0.557685	--
Locus_22	0.166667	0.155844	0.995672	--

16) IBSxPEL(50ksims)



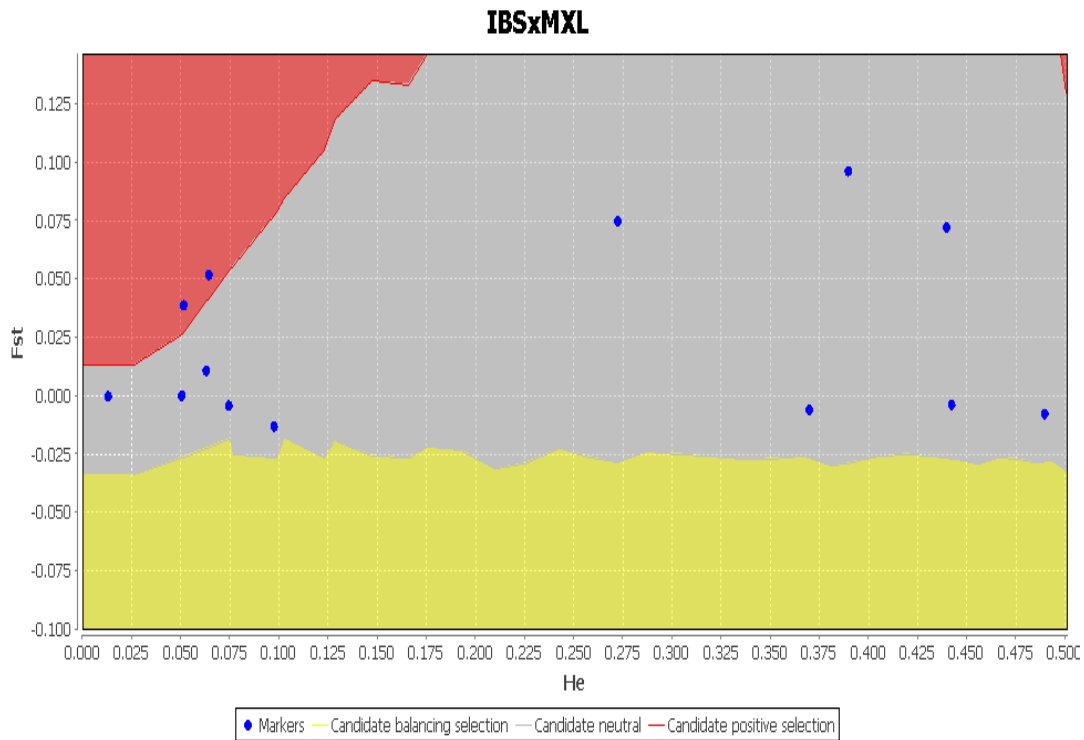
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.23307	-0.012273	0.268708	--
Locus_3	0.163708	-0.008919	0.388571	--
Locus_4	0.074293	-0.004023	0.461284	--
Locus_5	0.468442	-0.0073	0.387263	--
Locus_6	0.062788	0.010879	0.123539	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.473702	0.076994	0.875501	--
Locus_10	0.085799	-0.011046	0.349505	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.062788	0.010879	0.123539	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.319198	-0.008292	0.348093	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.075279	0.022401	0.535743	--
Locus_18	0.074293	-0.004023	0.461284	--
Locus_19	0.391519	0.140535	0.949459	--
Locus_20	0.163708	-0.008919	0.388571	--
Locus_21	0.074293	-0.004023	0.461284	--
Locus_22	0.085799	-0.011046	0.349505	--

17) IBSxCEU(50ksims)



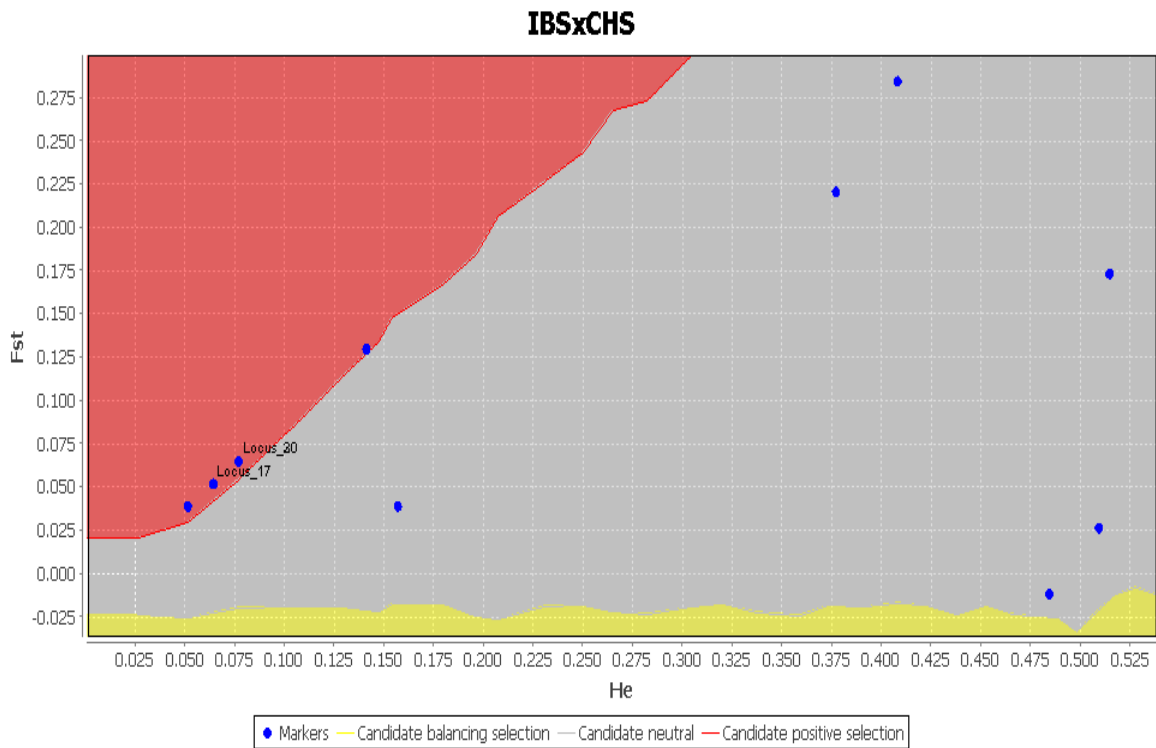
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.260684	-0.010432	0.538306	--
Locus_3	0.163708	-0.008919	0.538899	--
Locus_4	0.074293	-0.004023	0.793044	--
Locus_5	0.473702	-0.011581	0.502286	--
Locus_6	0.062788	0.010879	0.845306	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.49737	-0.011648	0.513221	--
Locus_10	0.085799	-0.011046	0.454457	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.074293	-0.004023	0.793044	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.32643	-0.010947	0.49472	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.075279	0.022401	0.87294	--
Locus_18	0.085799	-0.011046	0.454457	--
Locus_19	0.467456	-0.011562	0.502611	--
Locus_20	0.163708	-0.008919	0.538899	--
Locus_21	0.085799	-0.011046	0.454457	--
Locus_22	0.06213	-0.010307	0.751149	--

18) IBSxMXL(50ksims)



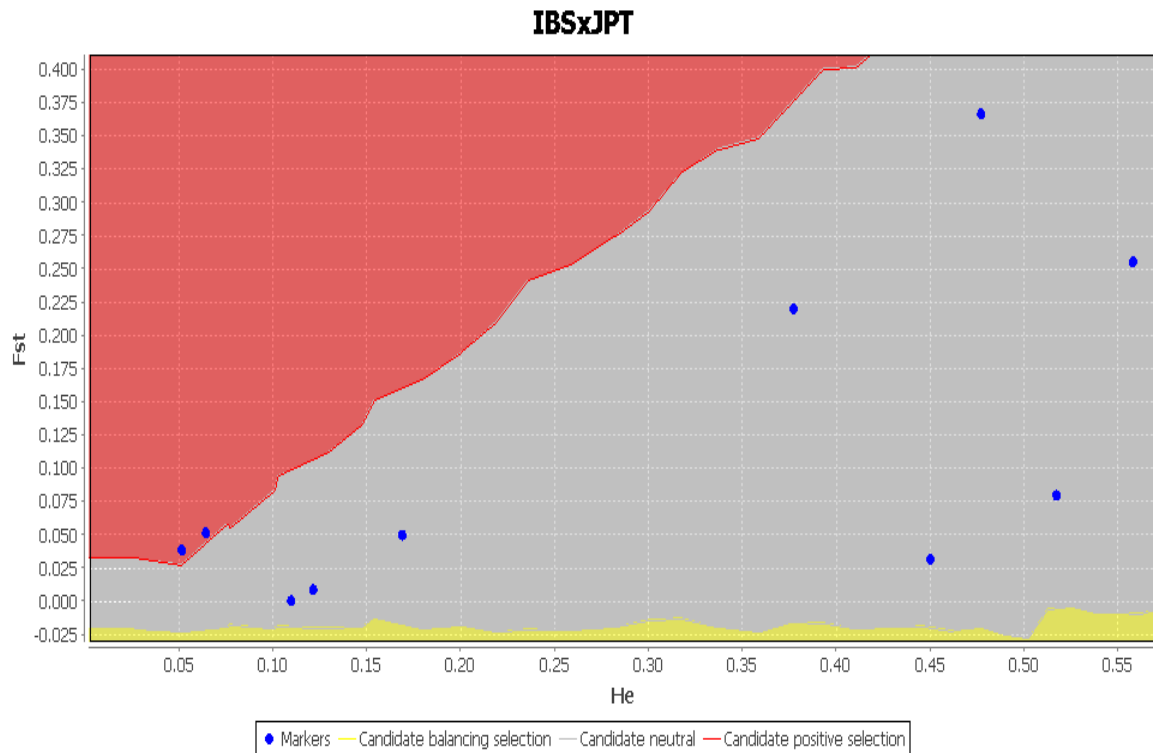
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.389546	0.096433	0.888953	--
Locus_3	0.272189	0.075099	0.842534	--
Locus_4	0.097304	-0.012987	0.276305	--
Locus_5	0.439513	0.072249	0.844351	--
Locus_6	0.051282	0.038961	0.690013	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.489481	-0.007544	0.427257	--
Locus_10	0.074293	-0.004023	0.514595	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.062788	0.010879	0.579067	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.369822	-0.005784	0.383467	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.064103	0.051948	0.806	--
Locus_18	0.074293	-0.004023	0.514595	--
Locus_19	0.442143	-0.003573	0.447965	--
Locus_20	0.272189	0.075099	0.842534	--
Locus_21	0.074293	-0.004023	0.514595	--
Locus_22	0.050296	0.000255	0.734242	--

19) IBSxCHS(50ksims)



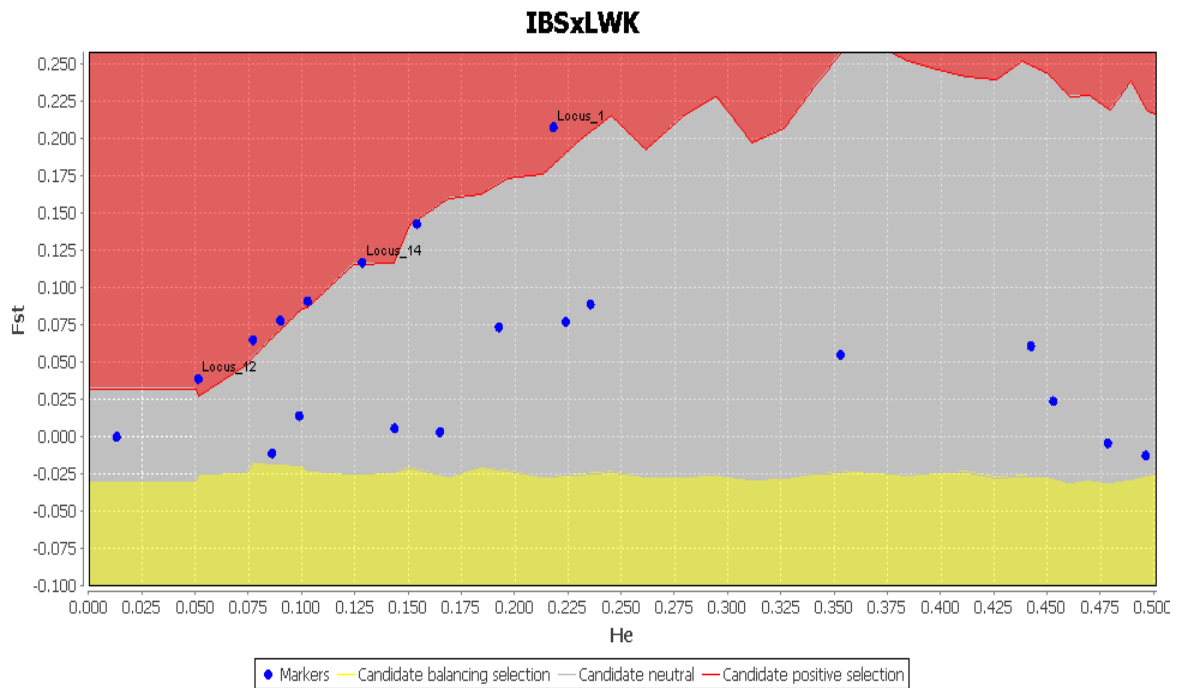
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.141026	0.12987	0.854894	--
Locus_3	0.076923	0.064935	1.0	Outlier
Locus_4	0.051282	0.038961	0.814645	--
Locus_5	0.484221	-0.011612	0.137012	--
Locus_6	0.051282	0.038961	0.814645	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.509204	0.026578	0.288492	--
Locus_10	0.407955	0.284542	0.875231	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.051282	0.038961	0.814645	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.514464	0.173428	0.662624	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.064103	0.051948	0.977753	--
Locus_18	0.407955	0.284542	0.875231	--
Locus_19	0.377055	0.220609	0.775854	--
Locus_20	0.076923	0.064935	1.0	Outlier
Locus_21	0.407955	0.284542	0.875231	--
Locus_22	0.156805	0.039043	0.420548	--

20) IBSxJPT(50ksims)



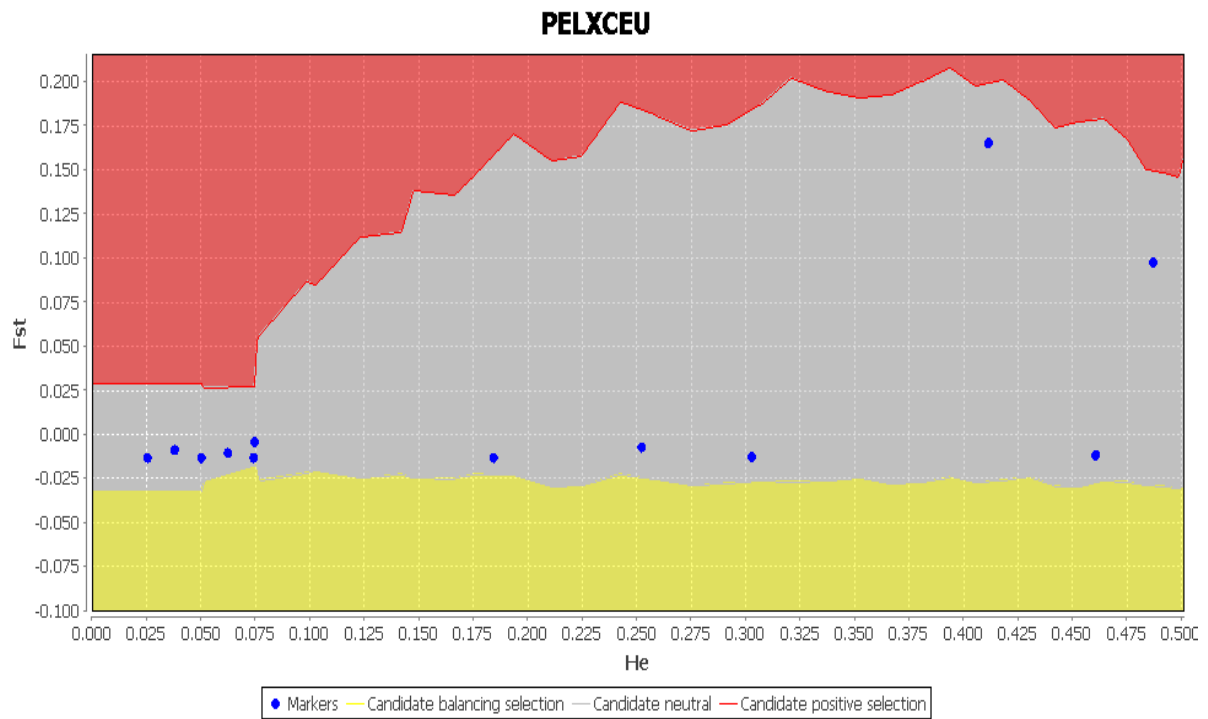
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.168639	0.050201	0.336946	--
Locus_3	0.109467	0.000702	0.209279	--
Locus_4	0.051282	0.038961	0.573745	--
Locus_5	0.450033	0.03178	0.264055	--
Locus_6	0.051282	0.038961	0.573745	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.517094	0.080069	0.412861	--
Locus_10	0.476989	0.367145	0.89519	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.051282	0.038961	0.573745	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.557857	0.255631	0.662759	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.064103	0.051948	0.817	--
Locus_18	0.476989	0.367145	0.89519	--
Locus_19	0.377055	0.220609	0.651669	--
Locus_20	0.109467	0.000702	0.209279	--
Locus_21	0.476989	0.367145	0.89519	--
Locus_22	0.121302	0.008975	0.253497	--

21) IBSxLWK(50ksims)



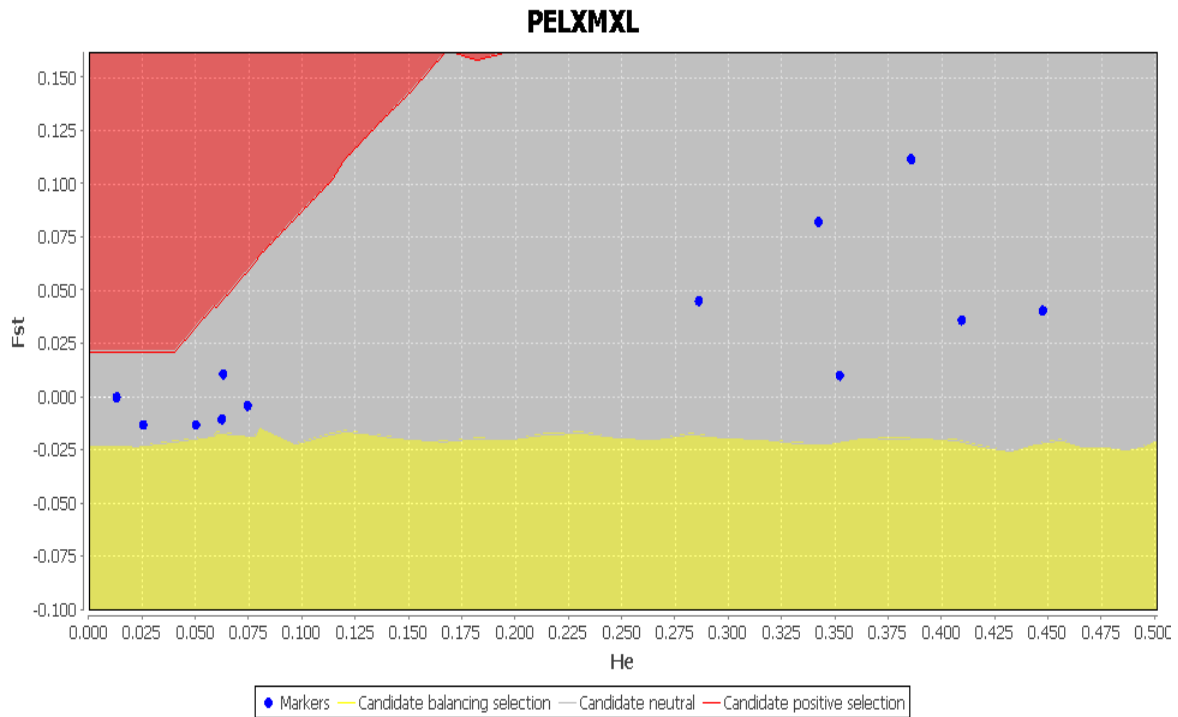
Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.217949	0.207792	0.99954	Outlier
Locus_2	0.352728	0.054986	0.704194	--
Locus_3	0.076923	0.064935	0.702665	--
Locus_4	0.223866	0.077007	0.742422	--
Locus_5	0.452663	0.023795	0.537621	--
Locus_6	0.143327	0.0056	0.494669	--
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	0.808809	--
Locus_9	0.496055	-0.012651	0.275542	--
Locus_10	0.235371	0.088878	0.767781	--
Locus_11	0.153846	0.142857	0.970891	--
Locus_12	0.051282	0.038961	1.0	Outlier
Locus_13	0.089744	0.077922	0.80589	--
Locus_14	0.128205	0.116883	0.979391	--
Locus_15	0.442143	0.060822	0.6986	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.164694	0.003188	0.477541	--
Locus_18	0.085799	-0.011046	0.301001	--
Locus_19	0.478304	-0.004284	0.360185	--
Locus_20	0.098619	0.014026	0.47823	--
Locus_21	0.223866	0.077007	0.742422	--
Locus_22	0.192308	0.073593	0.745399	--

22) PELxCEU(50ksims)



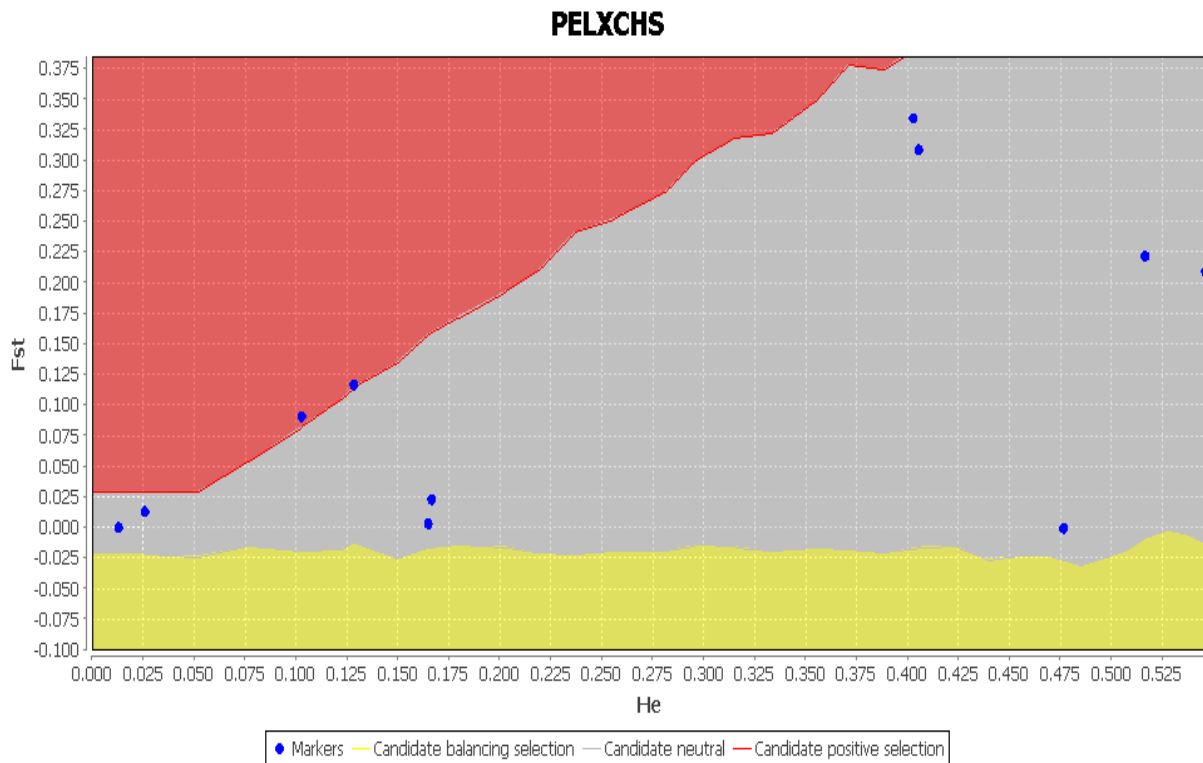
Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.252137	-0.007044	0.368472	--
Locus_3	0.184089	-0.012987	0.247813	--
Locus_4	0.049967	-0.012987	0.404427	--
Locus_5	0.460552	-0.011541	0.279287	--
Locus_6	0.025312	-0.012987	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.486851	0.097819	0.919088	--
Locus_10	0.073964	-0.012987	0.043677	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.037804	-0.008583	0.485012	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.302761	-0.012437	0.300686	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.025312	-0.012987	0.5	--
Locus_18	0.06213	-0.010307	0.050012	--
Locus_19	0.411243	0.165561	0.947929	--
Locus_20	0.184089	-0.012987	0.247813	--
Locus_21	0.06213	-0.010307	0.050012	--
Locus_22	0.074293	-0.004023	0.460837	--

23) PELxMXL(50ksims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.377712	0.146146	0.859371	--
Locus_3	0.285996	0.045231	0.602447	--
Locus_4	0.062788	0.010879	0.187532	--
Locus_5	0.416831	0.044533	0.601505	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.450033	0.03178	0.556486	--
Locus_10	0.025641	0.012987	0.67266	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.346154	0.017797	0.474608	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.025641	0.012987	0.67266	--
Locus_19	0.336949	0.098194	0.787833	--
Locus_20	0.285996	0.045231	0.602447	--
Locus_21	0.025641	0.012987	0.67266	--
Locus_22	0.075279	0.022401	0.406831	--

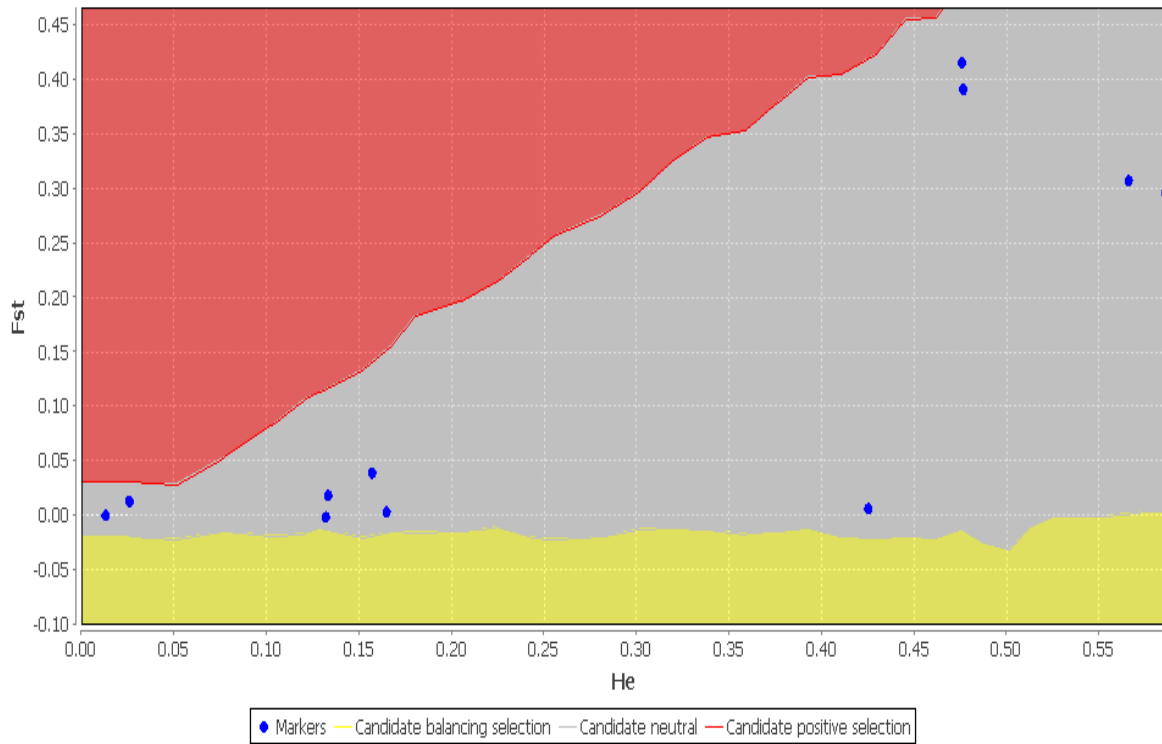
24) PELxCHS(50ksims)



Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.128205	0.116883	0.632109	--
Locus_3	0.102564	0.090909	0.729981	--
Locus_4	0.025641	0.012987	0.373762	--
Locus_5	0.476331	-0.000403	0.156552	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.546022	0.209309	0.618189	--
Locus_10	0.405325	0.309066	0.831486	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.516437	0.222044	0.694061	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.402696	0.334736	0.873411	--
Locus_19	0.164694	0.003188	0.164753	--
Locus_20	0.102564	0.090909	0.729981	--
Locus_21	0.402696	0.334736	0.873411	--
Locus_22	0.166338	0.023048	0.294552	--

25) PELxJPT(55ksims)

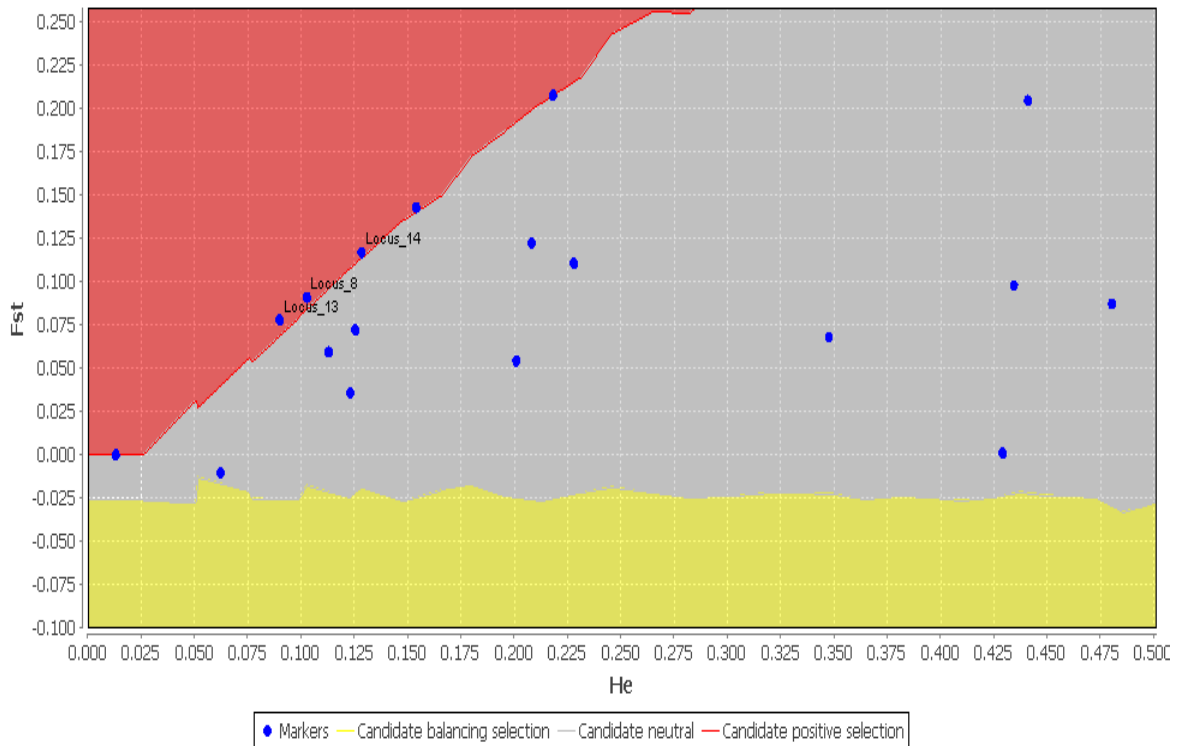
PELXJPT



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.156805	0.039043	0.266022	--
Locus_3	0.133136	0.018278	0.196946	--
Locus_4	0.025641	0.012987	0.351814	--
Locus_5	0.425049	0.006207	0.12769	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.58547	0.296711	0.622631	--
Locus_10	0.476331	0.391089	0.810915	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.565746	0.307508	0.637934	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.475674	0.4158	0.84633	--
Locus_19	0.164694	0.003188	0.142271	--
Locus_20	0.133136	0.018278	0.196946	--
Locus_21	0.475674	0.4158	0.84633	--
Locus_22	0.131821	-0.001619	0.123164	--

26) PELxLWK(50ksims)

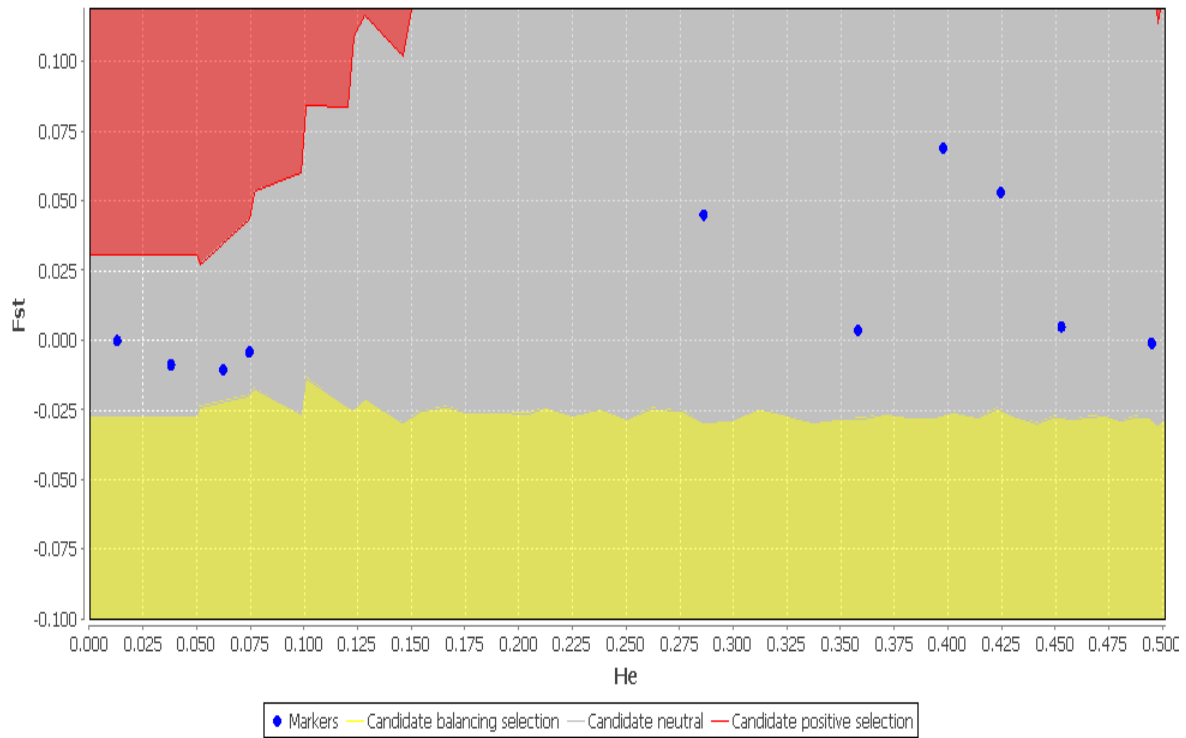
PELXLWK



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.217949	0.207792	0.953657	--
Locus_2	0.347469	0.067994	0.555028	--
Locus_3	0.102564	0.090909	1.0	Outlier
Locus_4	0.208087	0.122238	0.661956	--
Locus_5	0.428994	0.000985	0.264109	--
Locus_6	0.112755	0.059369	0.605297	--
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	1.0	Outlier
Locus_9	0.480276	0.087202	0.65892	--
Locus_10	0.227811	0.11053	0.719106	--
Locus_11	0.153846	0.142857	0.924544	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.089744	0.077922	1.0	Outlier
Locus_14	0.128205	0.116883	1.0	Outlier
Locus_15	0.434254	0.09782	0.627287	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.125247	0.072093	0.598085	--
Locus_18	0.06213	-0.010307	0.225063	--
Locus_19	0.440828	0.204567	0.862042	--
Locus_20	0.122945	0.035766	0.463103	--
Locus_21	0.208087	0.122238	0.661956	--
Locus_22	0.200855	0.054159	0.479008	--

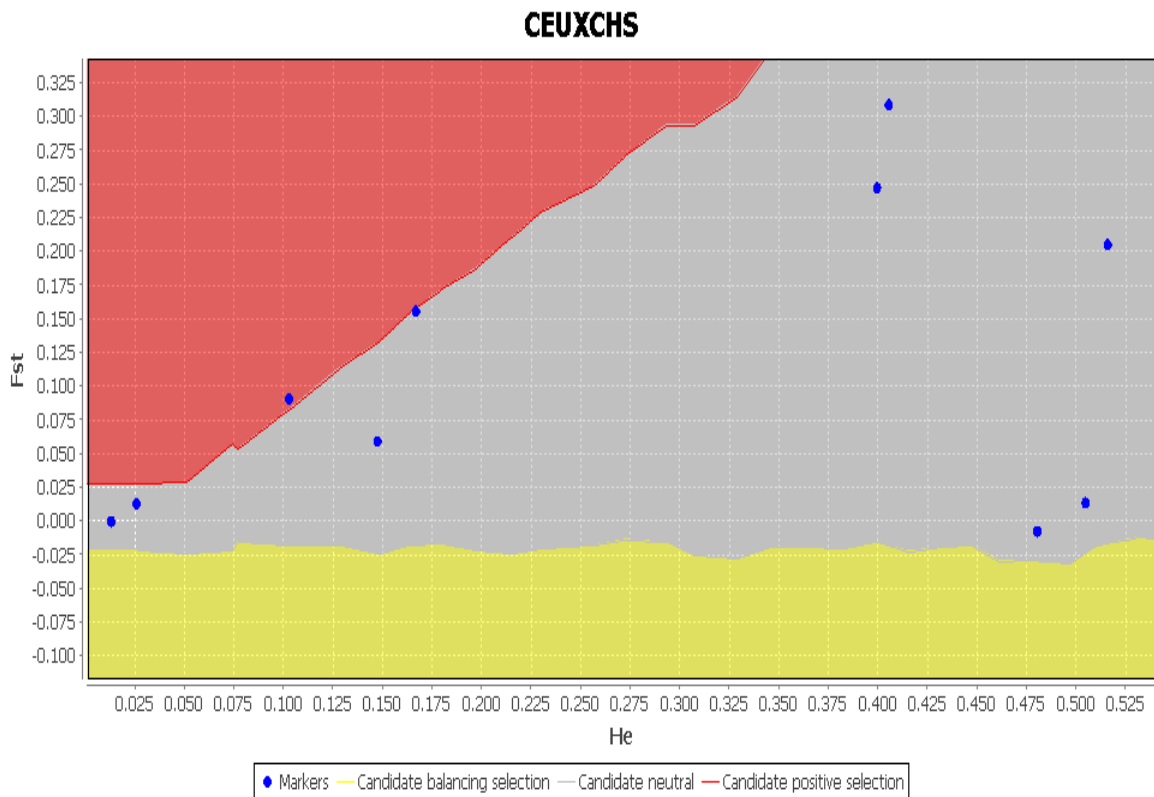
27) CEUxMXL(65ksims)

CEUxMXL



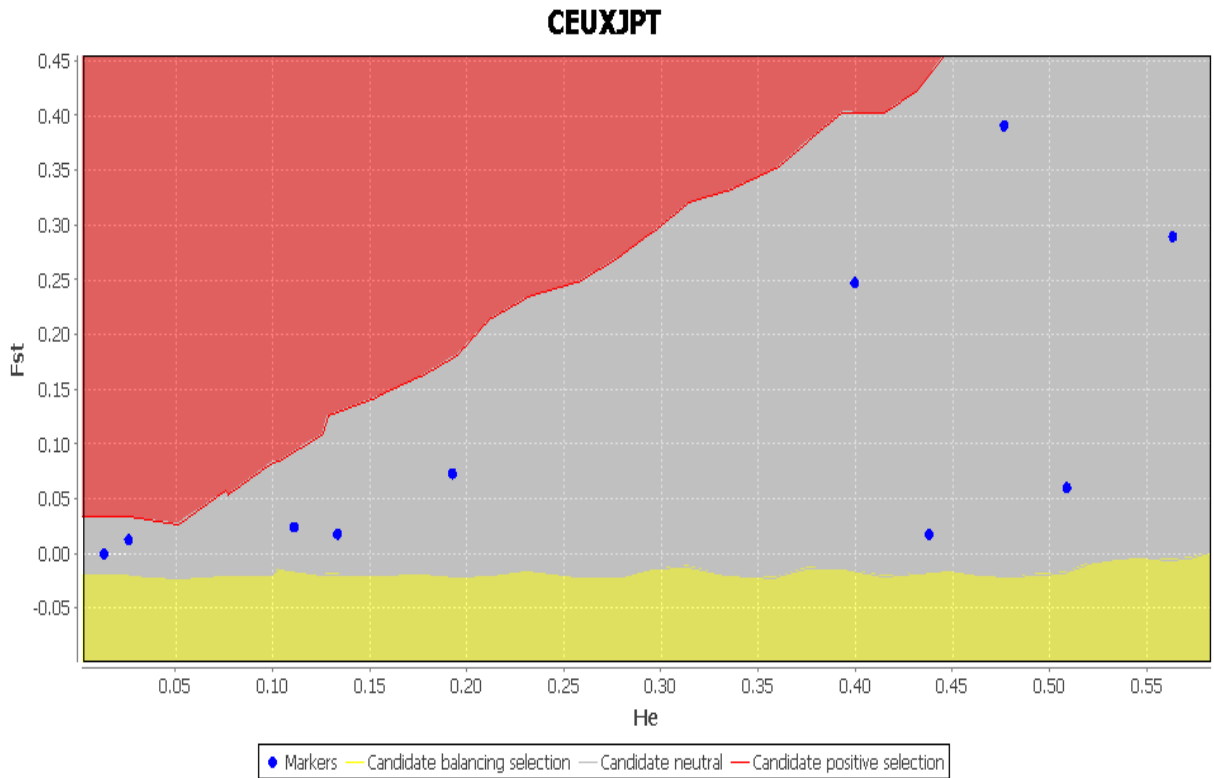
Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.397436	0.069124	0.860296	--
Locus_3	0.285996	0.045231	0.779494	--
Locus_4	0.074293	-0.004023	0.710054	--
Locus_5	0.424392	0.053316	0.810082	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.49474	-0.000872	0.560243	--
Locus_10	0.06213	-0.010307	0.622765	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.037804	-0.008583	0.632551	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.357988	0.003757	0.496586	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.06213	-0.010307	0.622765	--
Locus_19	0.452663	0.005036	0.521316	--
Locus_20	0.285996	0.045231	0.779494	--
Locus_21	0.06213	-0.010307	0.622765	--
Locus_22	0.037804	-0.008583	0.632551	--

28) CEUxCHS (50ksims)



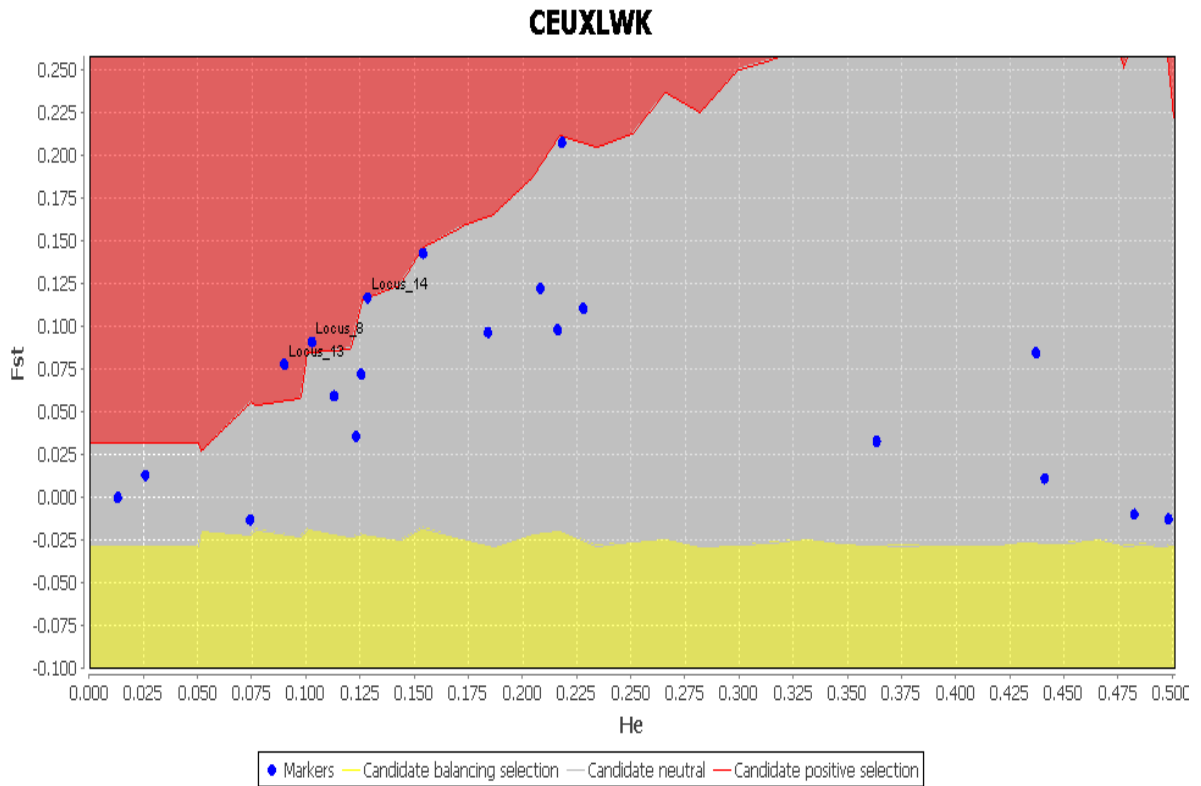
Locus	Het	Fst	P(simulate...)	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.166667	0.155844	0.865265	--
Locus_3	0.102564	0.090909	0.752299	--
Locus_4	0.025641	0.012987	0.396697	--
Locus_5	0.480276	-0.00744	0.168915	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.504602	0.01374	0.280965	--
Locus_10	0.405325	0.309066	0.831424	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.025641	0.012987	0.396697	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.515779	0.205235	0.732529	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.405325	0.309066	0.831424	--
Locus_19	0.399408	0.247555	0.733339	--
Locus_20	0.102564	0.090909	0.752299	--
Locus_21	0.405325	0.309066	0.831424	--
Locus_22	0.147272	0.059369	0.331402	--

29) CEUxJPT (50ksims)



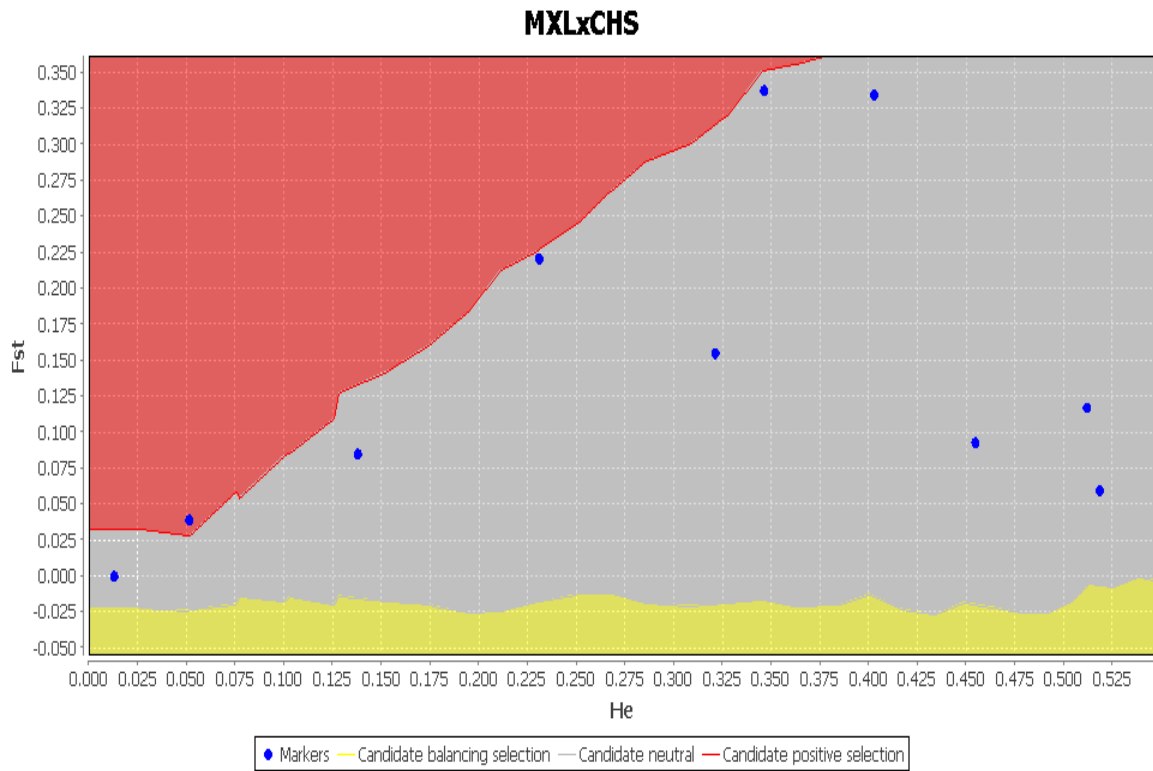
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.192308	0.073593	0.314695	--
Locus_3	0.133136	0.018278	0.252328	--
Locus_4	0.025641	0.012987	0.253146	--
Locus_5	0.437541	0.017836	0.171498	--
Locus_6	0.012821	0.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.508547	0.060679	0.294416	--
Locus_10	0.476331	0.391089	0.902288	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.025641	0.012987	0.253146	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.563116	0.289786	0.619155	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.012821	0.0	0.5	--
Locus_18	0.476331	0.391089	0.902288	--
Locus_19	0.399408	0.247555	0.62273	--
Locus_20	0.133136	0.018278	0.252328	--
Locus_21	0.476331	0.391089	0.902288	--
Locus_22	0.110782	0.024587	0.207228	--

30) CEUxLWK(50ksims)



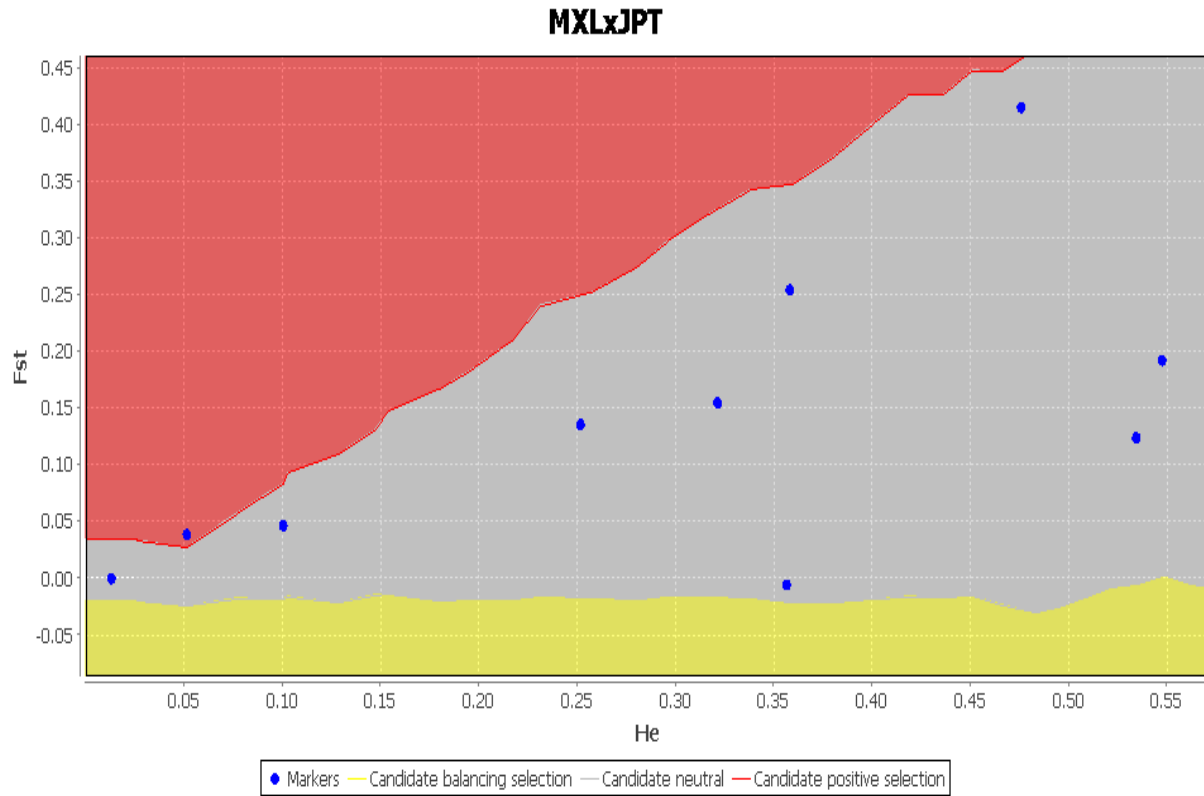
Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.217949	0.207792	0.956994	--
Locus_2	0.363248	0.03285	0.522909	--
Locus_3	0.102564	0.090909	1.0	Outlier
Locus_4	0.208087	0.122238	0.764208	--
Locus_5	0.440828	0.011186	0.415327	--
Locus_6	0.112755	0.059369	0.625643	--
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	1.0	Outlier
Locus_9	0.498028	-0.012653	0.31498	--
Locus_10	0.227811	0.11053	0.740991	--
Locus_11	0.153846	0.142857	0.953622	--
Locus_12	0.025641	0.012987	0.63566	--
Locus_13	0.089744	0.077922	1.0	Outlier
Locus_14	0.128205	0.116883	1.0	Outlier
Locus_15	0.436884	0.084577	0.729756	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.125247	0.072093	0.690628	--
Locus_18	0.073964	-0.012987	0.5	--
Locus_19	0.482249	-0.00988	0.270385	--
Locus_20	0.122945	0.035766	0.557903	--
Locus_21	0.215976	0.098025	0.71567	--
Locus_22	0.183761	0.096648	0.735067	--

31) MXLxCHS(50ksims)



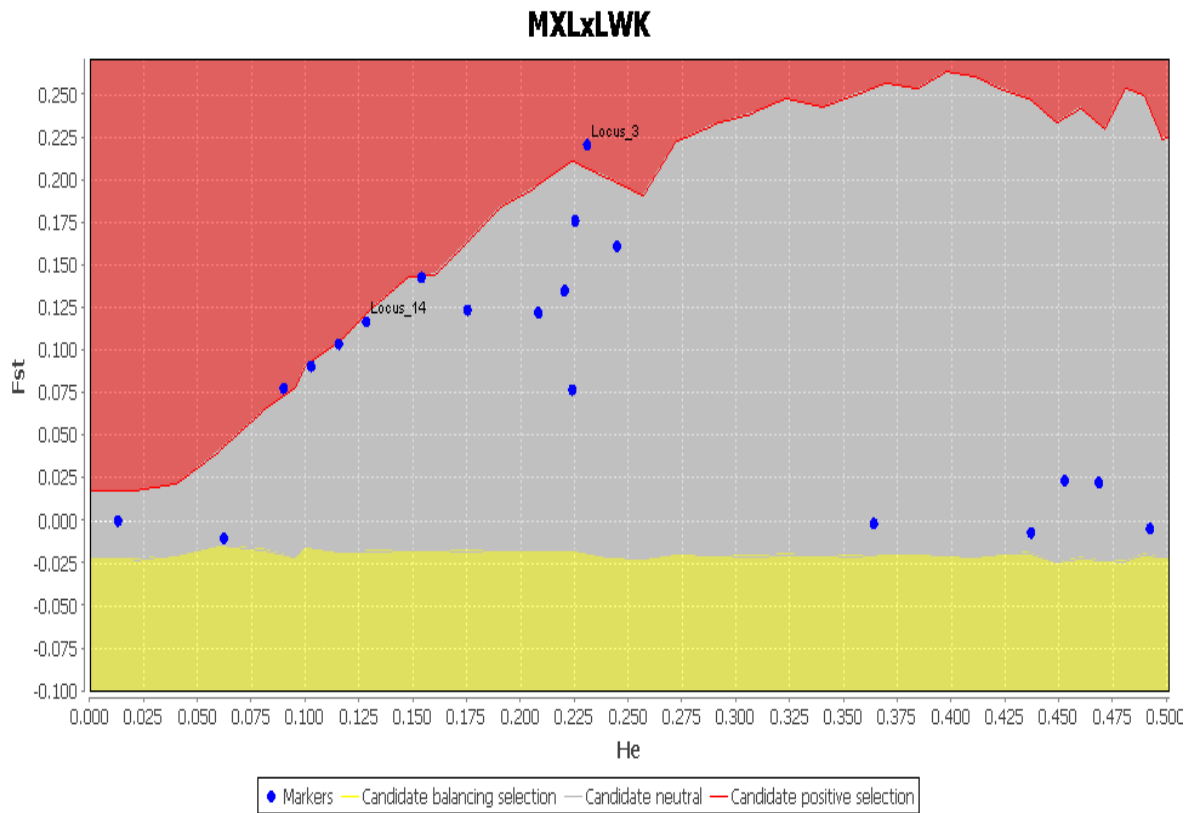
Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.346154	0.337662	0.919248	--
Locus_3	0.230769	0.220779	0.945867	--
Locus_4	0.051282	0.038961	0.623439	--
Locus_5	0.454635	0.092853	0.410968	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.518409	0.059277	0.319086	--
Locus_10	0.402696	0.334736	0.89125	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.511834	0.117133	0.547677	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.402696	0.334736	0.89125	--
Locus_19	0.32117	0.15498	0.614191	--
Locus_20	0.230769	0.220779	0.945867	--
Locus_21	0.402696	0.334736	0.89125	--
Locus_22	0.137738	0.084927	0.563836	--

32) MXLxJPT(50ksims)



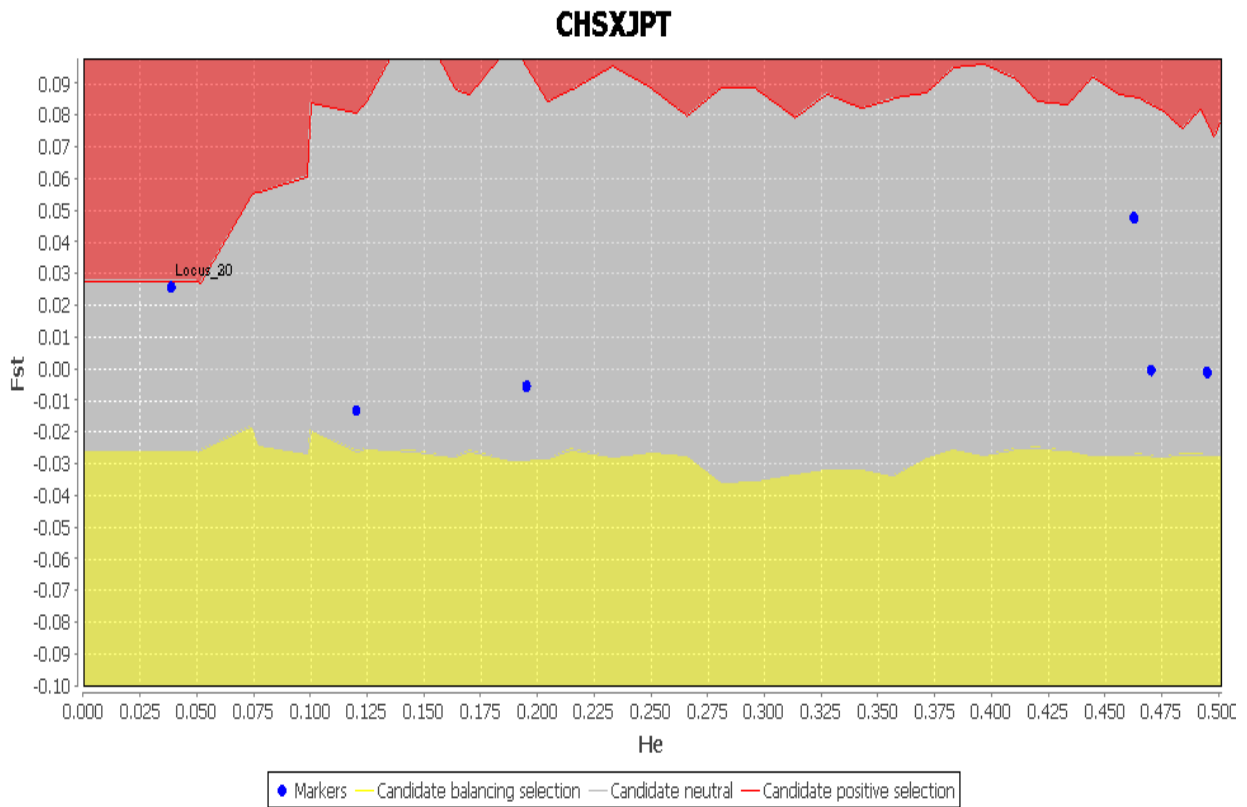
Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.012821	0.0	0.5	--
Locus_2	0.357988	0.25491	0.780298	--
Locus_3	0.251479	0.135982	0.505124	--
Locus_4	0.051282	0.038961	0.519603	--
Locus_5	0.356345	-0.005511	0.097926	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.534188	0.124468	0.441086	--
Locus_10	0.475674	0.4158	0.942733	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.547337	0.192652	0.516319	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.475674	0.4158	0.942733	--
Locus_19	0.32117	0.15498	0.506907	--
Locus_20	0.251479	0.135982	0.505124	--
Locus_21	0.475674	0.4158	0.942733	--
Locus_22	0.100263	0.046796	0.390397	--

33) MXLxLWK(50ksims)



Locus	Het	Fst	P(simulated ...)	FDR
Locus_1	0.225181	0.176301	0.939757	--
Locus_2	0.436884	-0.006889	0.227538	--
Locus_3	0.230769	0.220779	0.985912	--
Locus_4	0.223866	0.077007	0.690657	--
Locus_5	0.363905	-0.001549	0.274845	--
Locus_6	0.102564	0.090909	0.819161	--
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	0.819161	--
Locus_9	0.49211	-0.004529	0.335129	--
Locus_10	0.22025	0.135181	0.853975	--
Locus_11	0.153846	0.142857	0.967583	--
Locus_12	0.012821	0.0	0.5	--
Locus_13	0.089744	0.077922	0.95152	--
Locus_14	0.128205	0.116883	1.0	Outlier
Locus_15	0.452663	0.023795	0.487216	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.115385	0.103896	0.946034	--
Locus_18	0.06213	-0.010307	0.163304	--
Locus_19	0.468442	0.022556	0.512927	--
Locus_20	0.244576	0.16129	0.917374	--
Locus_21	0.208087	0.122238	0.822547	--
Locus_22	0.175214	0.123852	0.88783	--

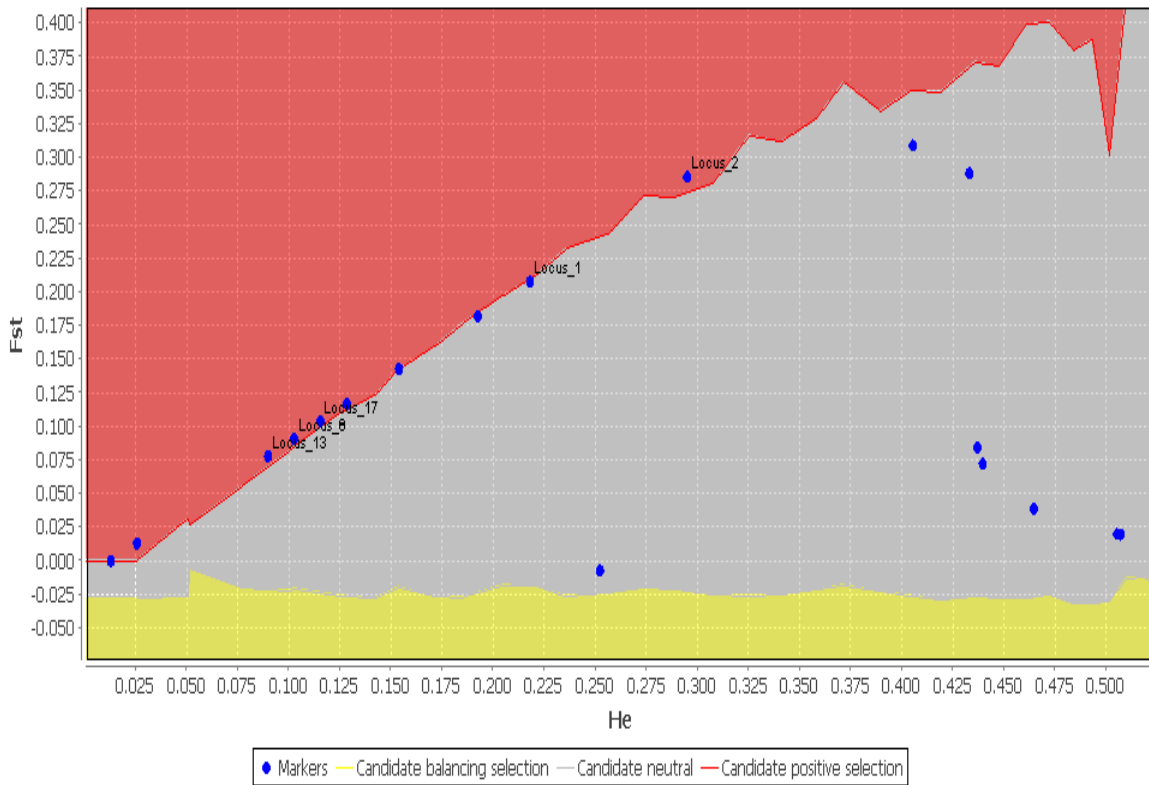
34) CHSxJPT(50ksims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.0	-100.0	0.5	--
Locus_2	0.038462	0.025974	-100.0	Outlier
Locus_3	0.038462	0.025974	-100.0	Outlier
Locus_4	0.0	-100.0	0.5	--
Locus_5	0.462525	0.04785	0.910429	--
Locus_6	0.0	-100.0	0.5	--
Locus_7	0.0	-100.0	0.5	--
Locus_8	0.0	-100.0	0.5	--
Locus_9	0.470085	-0.000236	0.624177	--
Locus_10	0.49474	-0.000872	0.663372	--
Locus_11	0.0	-100.0	0.5	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.0	-100.0	0.5	--
Locus_14	0.0	-100.0	0.5	--
Locus_15	0.49474	-0.000872	0.663372	--
Locus_16	0.0	-100.0	0.5	--
Locus_17	0.0	-100.0	0.5	--
Locus_18	0.49474	-0.000872	0.663372	--
Locus_19	0.119987	-0.012987	0.420376	--
Locus_20	0.038462	0.025974	-100.0	Outlier
Locus_21	0.49474	-0.000872	0.663372	--
Locus_22	0.194938	-0.0053	0.484866	--

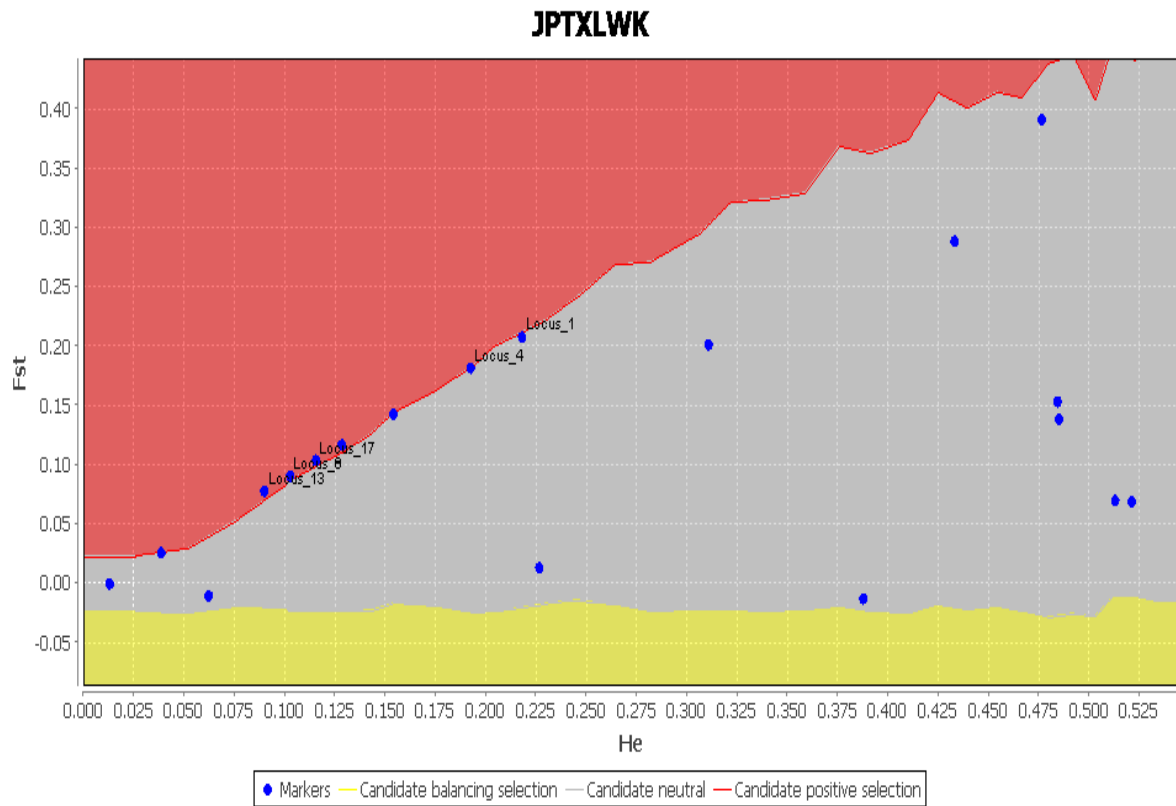
35) CHSxLWK(50ksims)

CHSXLWK



Locus	Het	Fst	P(simulate...)	FDR
Locus_1	0.217949	0.207792	0.996834	Outlier
Locus_2	0.294872	0.285714	0.976968	--
Locus_3	0.0	-100.0	0.5	--
Locus_4	0.192308	0.181818	0.921231	--
Locus_5	0.464497	0.03863	0.408091	--
Locus_6	0.102564	0.090909	1.0	Outlier
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	1.0	Outlier
Locus_9	0.506903	0.01986	0.408691	--
Locus_10	0.439513	0.072249	0.517028	--
Locus_11	0.153846	0.142857	0.763062	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.089744	0.077922	1.0	Outlier
Locus_14	0.128205	0.116883	0.868134	--
Locus_15	0.50526	0.019966	0.409239	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.115385	0.103896	1.0	Outlier
Locus_18	0.405325	0.309066	0.937315	--
Locus_19	0.432939	0.288525	0.899997	--
Locus_20	0.025641	0.012987	0.534818	--
Locus_21	0.436884	0.084577	0.549154	--
Locus_22	0.252137	-0.007044	0.196907	--

36) JPTxLWK(50ksims)



Locus	Het	Fst	P(simulated F...	FDR
Locus_1	0.217849	0.207792	0.993047	--
Locus_2	0.310651	0.201402	0.713782	--
Locus_3	0.038462	0.025974	0.667855	--
Locus_4	0.182308	0.181818	1.0	Outlier
Locus_5	0.387574	-0.012557	0.101755	--
Locus_6	0.102564	0.090909	1.0	Outlier
Locus_7	0.012821	0.0	0.5	--
Locus_8	0.102564	0.090909	1.0	Outlier
Locus_9	0.512821	0.07013	0.453575	--
Locus_10	0.484878	0.138446	0.619442	--
Locus_11	0.153846	0.142857	0.752807	--
Locus_12	0.0	-100.0	0.5	--
Locus_13	0.089744	0.077922	1.0	Outlier
Locus_14	0.128205	0.116883	0.751222	--
Locus_15	0.521039	0.068819	0.449175	--
Locus_16	0.012821	0.0	0.5	--
Locus_17	0.115385	0.103096	1.0	Outlier
Locus_18	0.476331	0.391089	0.937108	--
Locus_19	0.432939	0.288525	0.815779	--
Locus_20	0.06213	-0.010307	0.104812	--
Locus_21	0.484221	0.153437	0.646391	--
Locus_22	0.226496	0.013477	0.229103	--