

附表1 测序数据质量评估

Appendix table 1 Quality Evaluation of Sequencing Data

样品名称	过滤后数据	过滤后序列长度	GC 含量
Sample name	Clean reads	Clean bases	GC (%)
ES10A	320,277,674	96,083,302,200	37.51562725
ES11A	320,081,916	96,024,574,800	37.49269719
ES13A	320,184,346	96,055,303,800	37.5046953
ES1A	320,228,501	96,068,550,300	37.50986738
ES20A	320,118,959	96,035,687,700	37.49703621
ES23A	320,153,611	96,046,083,300	37.50109517
ES24A	320,158,788	96,047,636,400	37.50170157
ES27A	320,285,637	96,085,691,100	37.51655999
ES28A	320,016,537	96,004,961,100	37.48503904
ES29A	320,243,606	96,073,081,800	37.5116367
ES2A	320,133,474	96,040,042,200	37.49873642
ES30A	320,182,077	96,054,623,100	37.50442952
ES31A	320,132,467	96,039,740,100	37.49861847
ES32A	309,493,125	92,847,937,500	36.2523824
ES33A	320,094,290	96,028,287,000	37.49414662
ES34A	320,088,917	96,026,675,100	37.49351725
ES35A	320,042,226	96,012,667,800	37.48804812
ES36A	320,052,945	96,015,883,500	37.48930368
ES37A	320,069,869	96,020,960,700	37.49128607
ES38A	320,033,112	96,009,933,600	37.48698055
ES41A	320,037,874	96,011,362,200	37.48753835
ES42A	320,041,302	96,012,390,600	37.48793989
ES43A	320,156,519	96,046,955,700	37.50143579
ES46A	320,139,002	96,041,700,600	37.49938394
ES5A	320,038,565	96,011,569,500	37.48761929
ES7A	320,174,020	96,052,206,000	37.50348577
ES8A	320,131,580	96,039,474,000	37.49851457
ES9A	320,040,171	96,012,051,300	37.48780741
HC13A	272,432,354	81,729,706,200	31.91128034
HC16A	320,083,709	96,025,112,700	37.49290722
HC1A	320,034,438	96,010,331,400	37.48713587
HC24A	320,022,162	96,006,648,600	37.48569793
HC25A	320,011,470	96,003,441,000	37.48444552
HC26A	320,066,500	96,019,950,000	37.49089145
HC27-2A	320,018,085	96,005,425,500	37.48522037
HC28-1A	320,020,318	96,006,095,400	37.48548193
HC28-2A	320,123,275	96,036,982,500	37.49754177
HC29A	320,029,609	96,008,882,700	37.48657023
HC2A	320,182,120	96,054,636,000	37.50443456

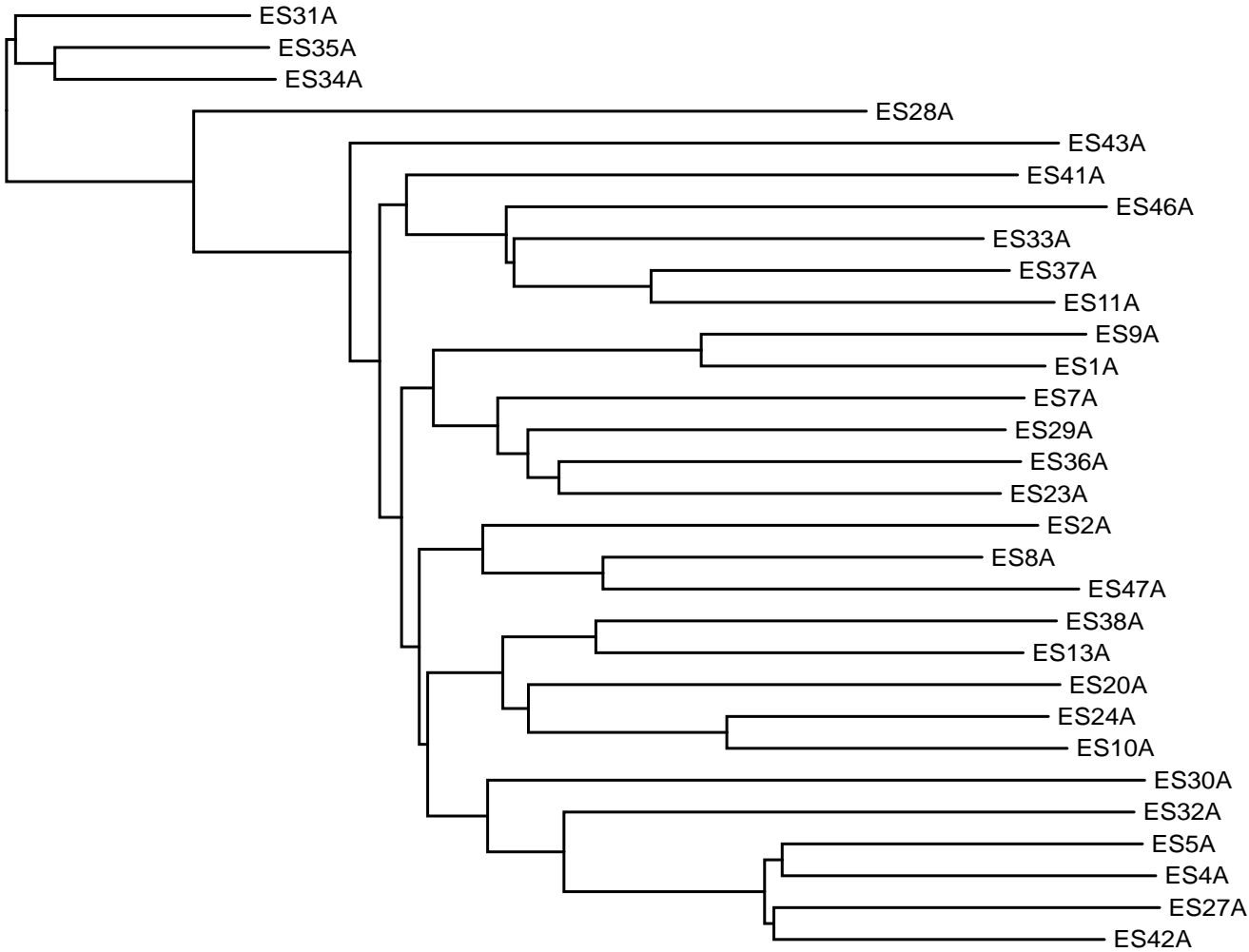
HC30A	320,048,333	96,014,499,900	37.48876346
HC32A	318,524,315	95,557,294,500	37.31024808
HC39A	320,021,742	96,006,522,600	37.48564873
HC3A	320,014,823	96,004,446,900	37.48483828
HC41A	320,022,728	96,006,818,400	37.48576423
HC44A	309,151,643	92,745,492,900	36.21238301
HC45A	320,164,293	96,049,287,900	37.5023464
HC48A	320,127,373	96,038,211,900	37.49802179
HC4A	320,134,670	96,040,401,000	37.49887652
HC50A	320,054,204	96,016,261,200	37.48945116
HC51A	320,017,062	96,005,118,600	37.48510054
HC55A	320,138,656	96,041,596,800	37.49934342
HC57A	320,099,228	96,029,768,400	37.49472503
HC58A	286,071,950	85,821,585,000	33.50895024
HC59A	320,059,825	96,017,947,500	37.49010957
HC60A	320,078,480	96,023,544,000	37.49229472
HC6A	320,017,148	96,005,144,400	37.48511061
HC7A	320,033,532	96,010,059,600	37.48702975
HC8A	320,094,160	96,028,248,000	37.49413139
LP0001A	320,092,201	96,027,660,300	37.49390192
LP0016A	320,062,798	96,018,839,400	37.49045781
LP0028A	320,196,953	96,059,085,900	37.50617202
LP0030A	320,045,016	96,013,504,800	37.48837492
LP0031A	320,024,885	96,007,465,500	37.48601688
LP0045A	318,313,471	95,494,041,300	37.28555093
LP0052A	320,007,138	96,002,141,400	37.4839381
LP0065A	320,043,714	96,013,114,200	37.48822241
LP0067A	320,098,109	96,029,432,700	37.49459396
LP007A	320,094,684	96,028,405,200	37.49419277
LP0108A	315,884,974	94,765,492,200	37.00108968
LP0141A	320,152,815	96,045,844,500	37.50100193
LP015A	320,149,372	96,044,811,600	37.50059863
LP0164A	266,829,818	80,048,945,400	31.255029
LP0186A	320,071,368	96,021,410,400	37.49146166
LP0189A	320,089,424	96,026,827,200	37.49357664
LP0190A	312,005,850	93,601,755,000	36.54670968
LP05789124A	320,006,962	96,002,088,600	37.48391748
LP100A	296,605,876	88,981,762,800	34.74283844
LP110A	320,032,912	96,009,873,600	37.48695713
LP128A	320,041,755	96,012,526,500	37.48799295
LP187A	282,832,031	84,849,609,300	33.12944332
LP197A	282,052,733	84,615,819,900	33.03816049
LP198A	287,193,628	86,158,088,400	33.64033765
LP200A	283,898,599	85,169,579,700	33.25437544

LP8A	277,184,440	83,155,332,000	32.46791448
LP 代洪泉 A	307,178,526	92,153,557,800	35.98126256
LP 刘兴寿 A	320,174,908	96,052,472,400	37.50358978
LP 李成 A	320,070,695	96,021,208,500	37.49138283
LP 王大富 A	320,146,072	96,043,821,600	37.50021209
P106A	320,148,864	96,044,659,200	37.50053913
P107B	320,083,198	96,024,959,400	37.49284736
P108A	320,013,721	96,004,116,300	37.48470919
P112A	274,948,342	82,484,502,600	32.20598983
P114A	320,020,476	96,006,142,800	37.48550044
P115A	285,803,054	85,740,916,200	33.47745319
P116A	320,081,597	96,024,479,100	37.49265983
P120A	320,032,284	96,009,685,200	37.48688356
P121A	274,628,161	82,388,448,300	32.16848552
P122A	311,523,554	93,457,066,200	36.49021608
P123A	320,249,487	96,074,846,100	37.51232557
P124A	317,460,566	95,238,169,800	37.18564616
P125A	320,006,426	96,001,927,800	37.4838547
P126A	319,715,384	95,914,615,200	37.44976358
P127A	320,025,258	96,007,577,400	37.48606058
P17A	310,430,442	93,129,132,600	36.36217474
P22A	315,542,666	94,662,799,800	36.96099354
P24A	320,119,952	96,035,985,600	37.49715253
P30A	320,033,566	96,010,069,800	37.48703373
P31A	320,005,612	96,001,683,600	37.48375935
P36A	320,028,469	96,008,540,700	37.4864367
P38A	320,023,608	96,007,082,400	37.4858673
P39A	320,086,262	96,025,878,600	37.49320626
P4A	320,091,612	96,027,483,600	37.49383293
P61A	320,007,635	96,002,290,500	37.48399631
P70A	320,119,372	96,035,811,600	37.49708459
P71A	320,126,459	96,037,937,700	37.49791472
P78A	316,140,274	94,842,082,200	37.03099417
P85A	272,489,626	81,746,887,800	31.91798888
P97A	313,435,958	94,030,787,400	36.71422494
QX10A	320,069,407	96,020,822,100	37.49123196
QX11A	299,314,700	89,794,410,000	35.06013571
QX12A	283,625,654	85,087,696,200	33.22240411
QX13A	320,096,877	96,029,063,100	37.49444965
QX14A	320,117,525	96,035,257,500	37.49686824
QX15A	320,006,764	96,002,029,200	37.48389429
QX16A	315,319,903	94,595,970,900	36.93490026
QX17A	306,268,357	91,880,507,100	35.87465019
QX18A	320,019,990	96,005,997,000	37.48544351

QX19A	320,031,368	96,009,410,400	37.48677627
QX1A	320,005,729	96,001,718,700	37.48377305
QX20A	320,090,405	96,027,121,500	37.49369155
QX21A	317,734,587	95,320,376,100	37.21774353
QX22A	320,060,075	96,018,022,500	37.49013885
QX23A	320,156,250	96,046,875,000	37.50140428
QX24A	278,183,072	83,454,921,600	32.58488893
QX25A	320,088,983	96,026,694,900	37.49352498
QX26A	320,150,517	96,045,155,100	37.50073275
QX27A	299,618,218	89,885,465,400	35.0956882
QX28A	320,176,379	96,052,913,700	37.50376209
QX2A	312,040,013	93,612,003,900	36.55071135
QX3A	320,143,608	96,043,082,400	37.49992347
QX47A	311,953,518	93,586,055,400	36.54057978
QX4A	320,083,957	96,025,187,100	37.49293627
QX5A	320,045,507	96,013,652,100	37.48843244
QX6A	320,120,777	96,036,233,100	37.49724916
QX7A	320,136,953	96,041,085,900	37.49914394
QX8A	291,451,639	87,435,491,700	34.13909847
QX9A	320,046,732	96,014,019,600	37.48857593
YC01A	320,061,130	96,018,339,000	37.49026243
YC03A	320,132,884	96,039,865,200	37.49866731
YC04A	320,141,707	96,042,512,100	37.49970079
YC05A	298,403,199	89,520,959,700	34.95336732
YC06A	320,077,520	96,023,256,000	37.49218227
YC10A	312,549,464	93,764,839,200	36.61038574
YC13A	320,042,321	96,012,696,300	37.48805925
YC15A	320,052,681	96,015,804,300	37.48927276
YC18A	320,072,994	96,021,898,200	37.49165212
YC20A	320,060,633	96,018,189,900	37.49020422
YC22A	320,084,228	96,025,268,400	37.49296801
YC28A	320,060,373	96,018,111,900	37.49017376
YC29A	320,105,279	96,031,583,700	37.49543381
YC30A	320,136,788	96,041,036,400	37.49912461
YC34A	320,016,369	96,004,910,700	37.48501937
YC37A	320,008,400	96,002,520,000	37.48408592
YC38A	320,034,262	96,010,278,600	37.48711526
YC39A	320,004,625	96,001,387,500	37.48364374
YC40A	320,037,095	96,011,128,500	37.4874471
YC41A	320,019,708	96,005,912,400	37.48541048
YC42A	320,032,620	96,009,786,000	37.48692292
YC44A	320,119,716	96,035,914,800	37.49712489
YC45A	320,113,332	96,033,999,600	37.4963771
YC46A	292,275,280	87,682,584,000	34.2355754

YC47A	320,126,477	96,037,943,100	37.49791683
YC48A	320,108,817	96,032,645,100	37.49584823
YC49A	320,005,883	96,001,764,900	37.48379109
YC52A	320,152,882	96,045,864,600	37.50100977
YC54A	320,155,199	96,046,559,700	37.50128118
YC56A	318,050,588	95,415,176,400	37.25475821

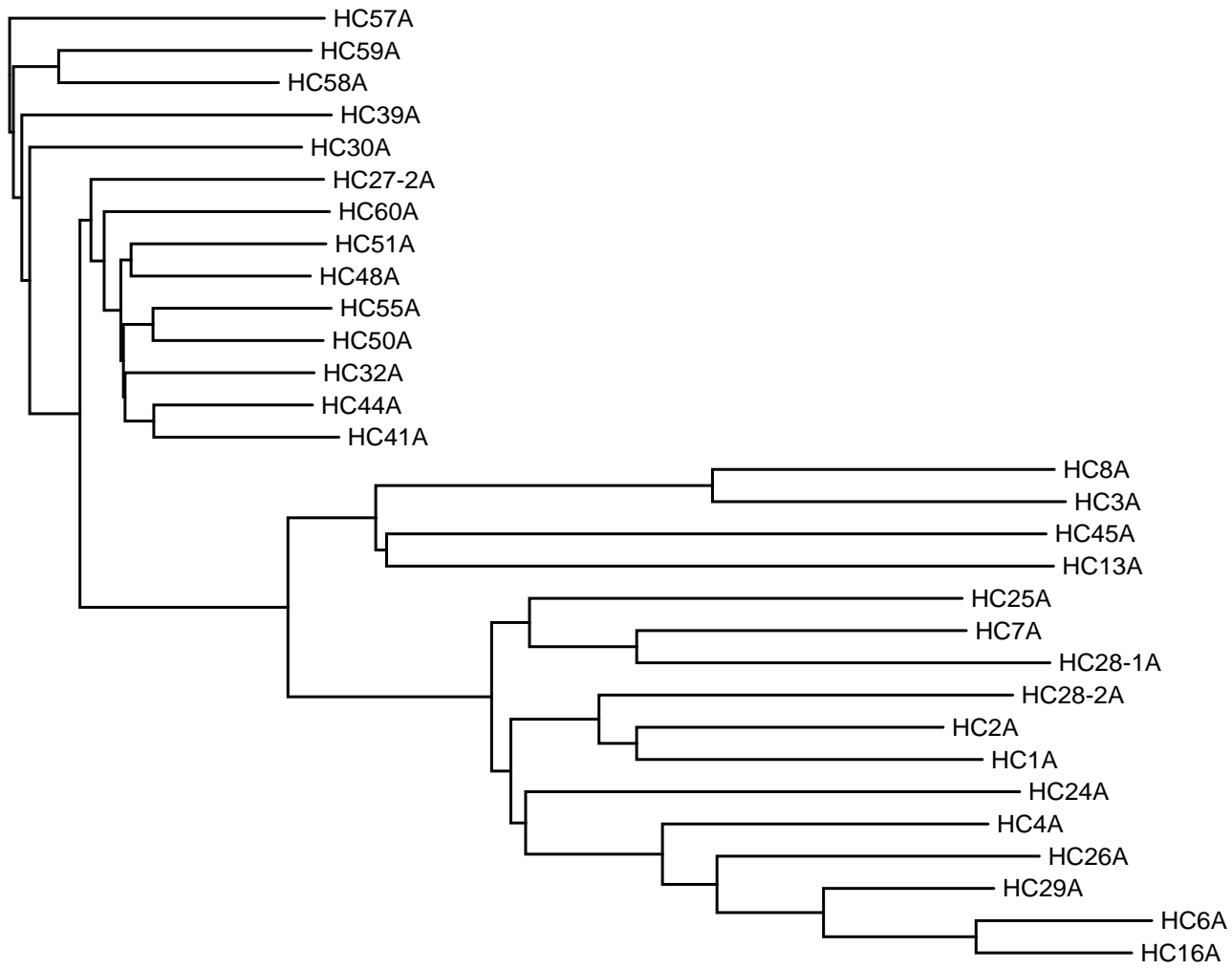
Tree scale 0.01



图S1 恩施黑猪个体间进化树

Fig. S1 Phylogenetic Tree of Enshi black pigs

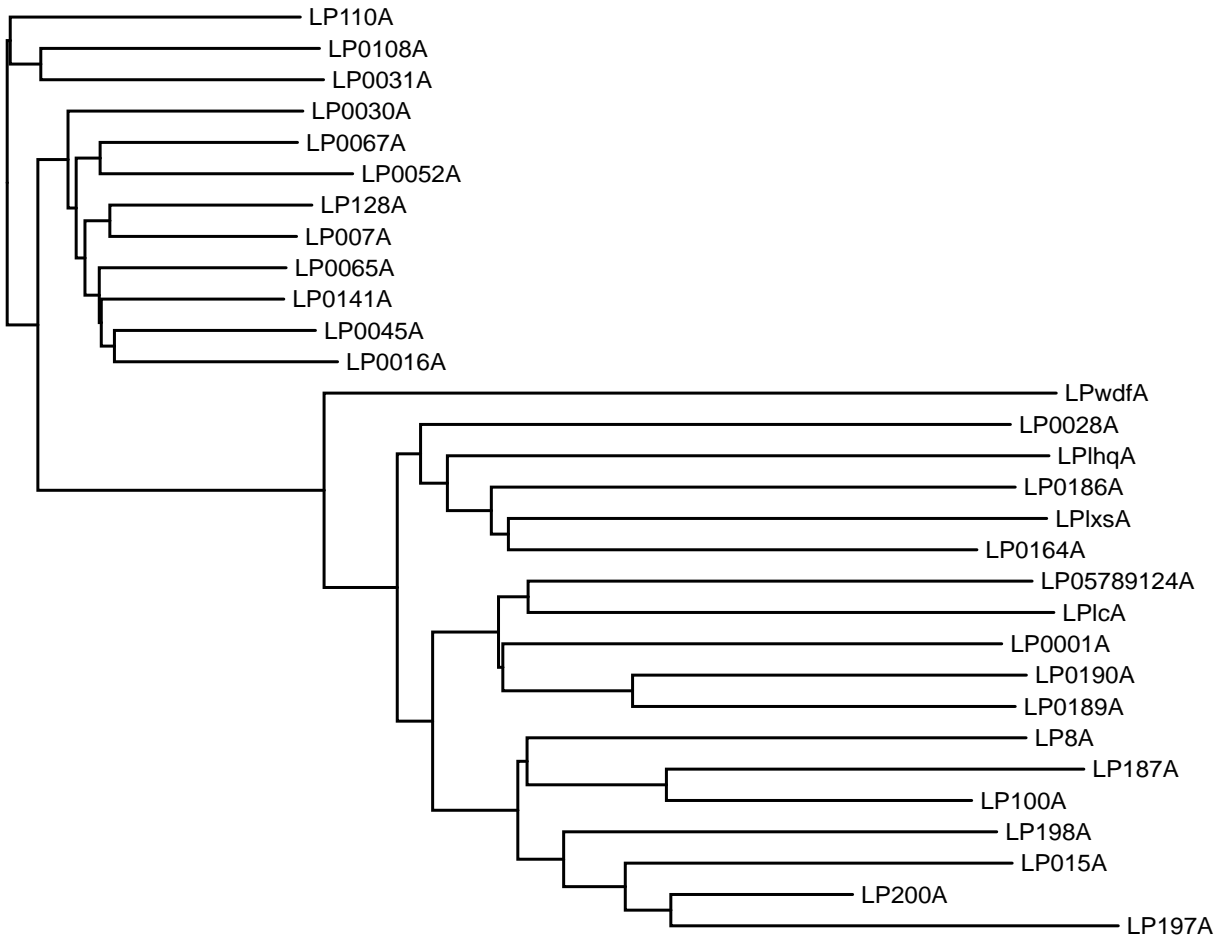
Tree scale 0.01



图S2 合川黑猪个体间进化树

Fig. S2 Phylogenetic Tree of Hechuan black pigs

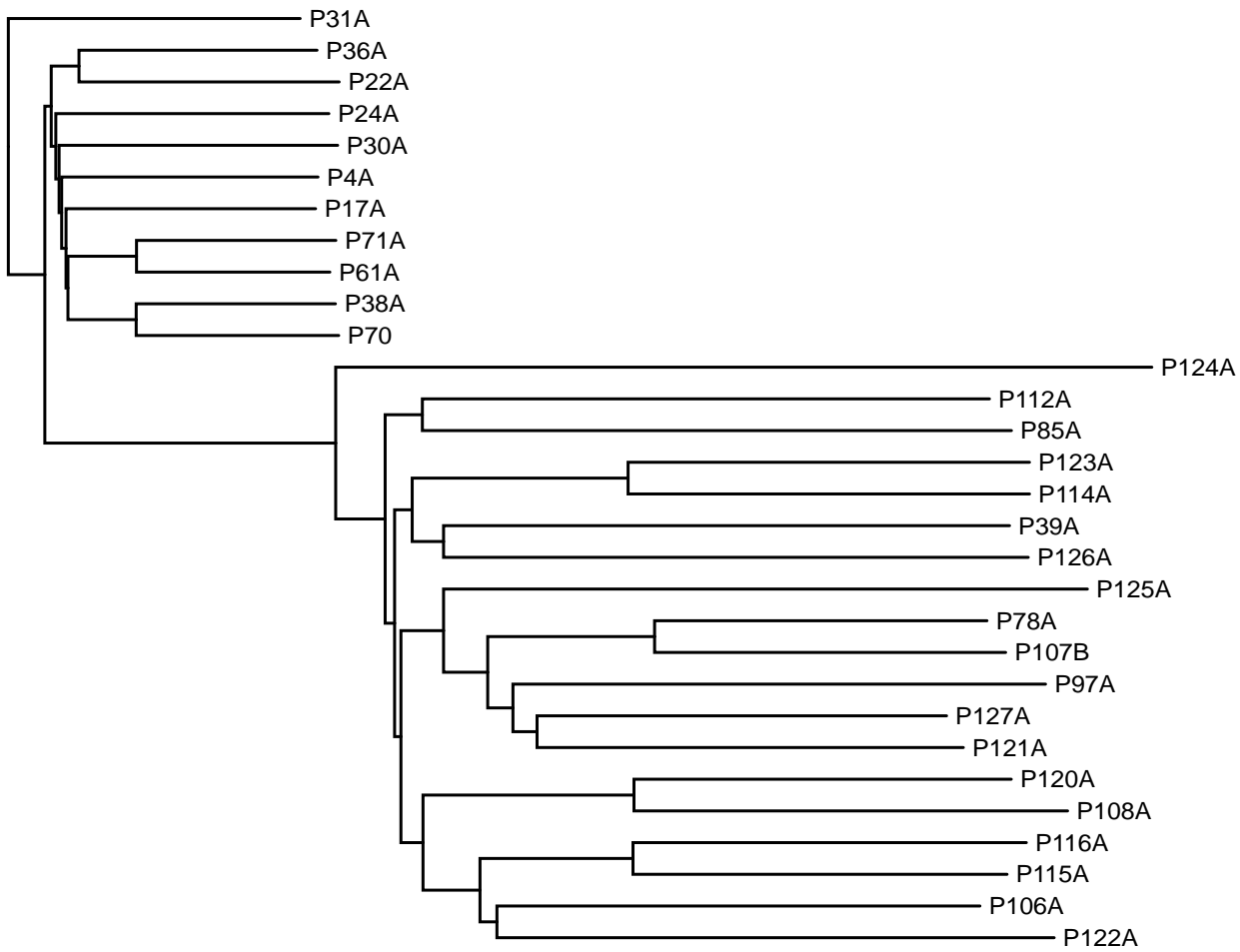
Tree scale 0.01



图S3 罗盘山猪个体间进化树

Fig. S3 Phylogenetic Tree of Luopanshan pigs

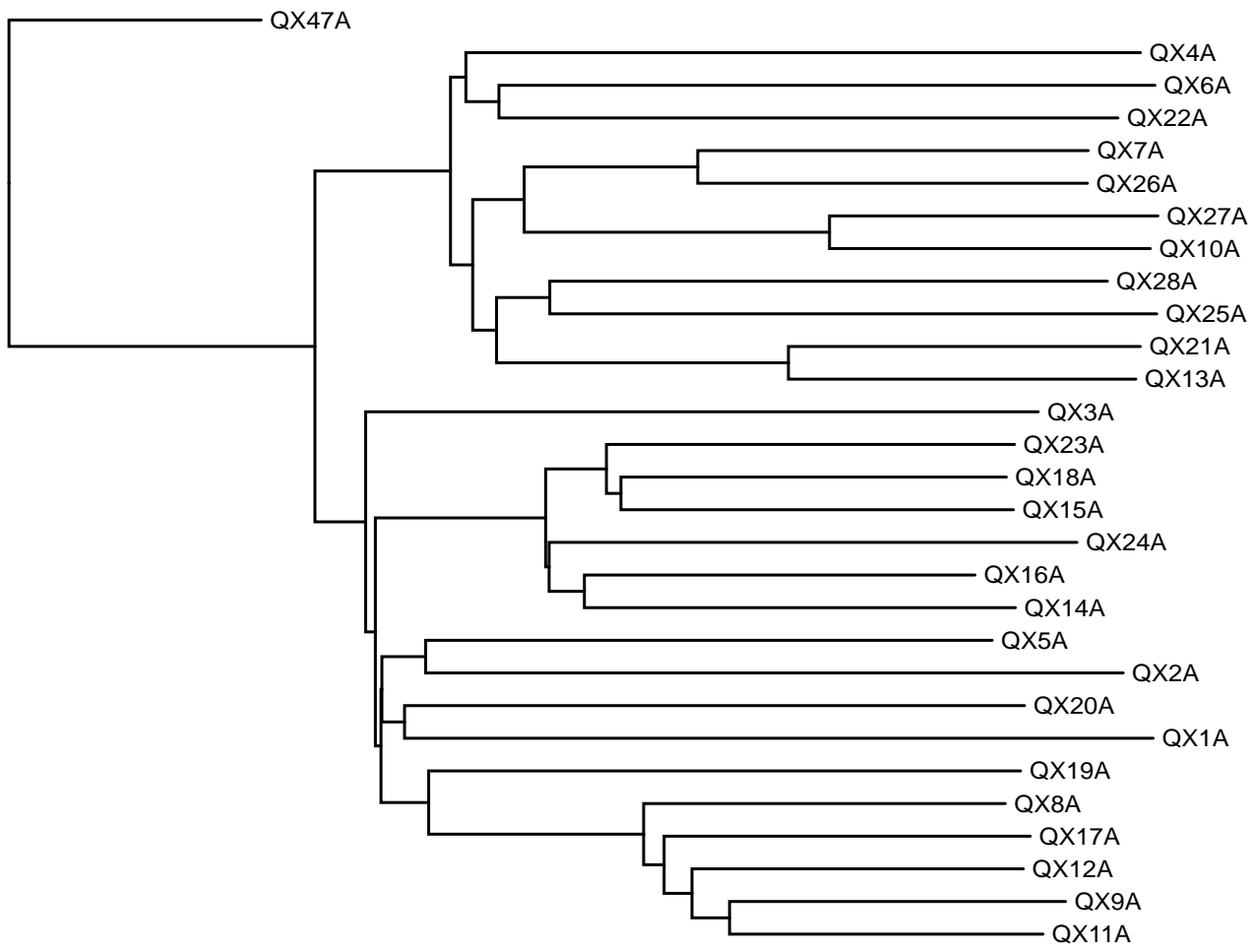
Tree scale 0.01



图S4 盆周山地猪个体间进化树

Fig. S4 Phylogenetic Tree of Penzhou Mountain pigs

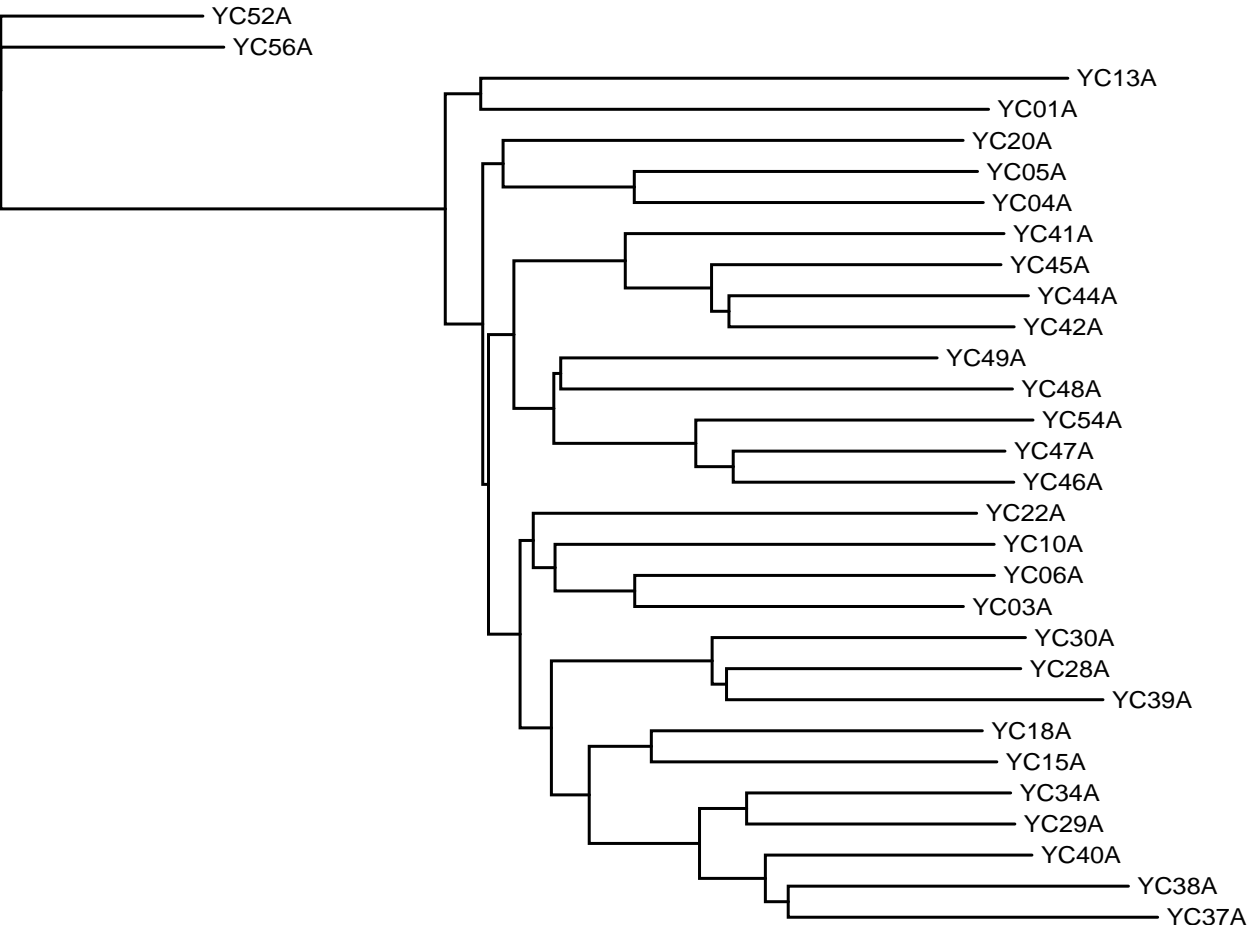
Tree scale 0.01



图S5 渠溪猪个体间进化树

Fig. S5 Phylogenetic Tree of Quxi pigs

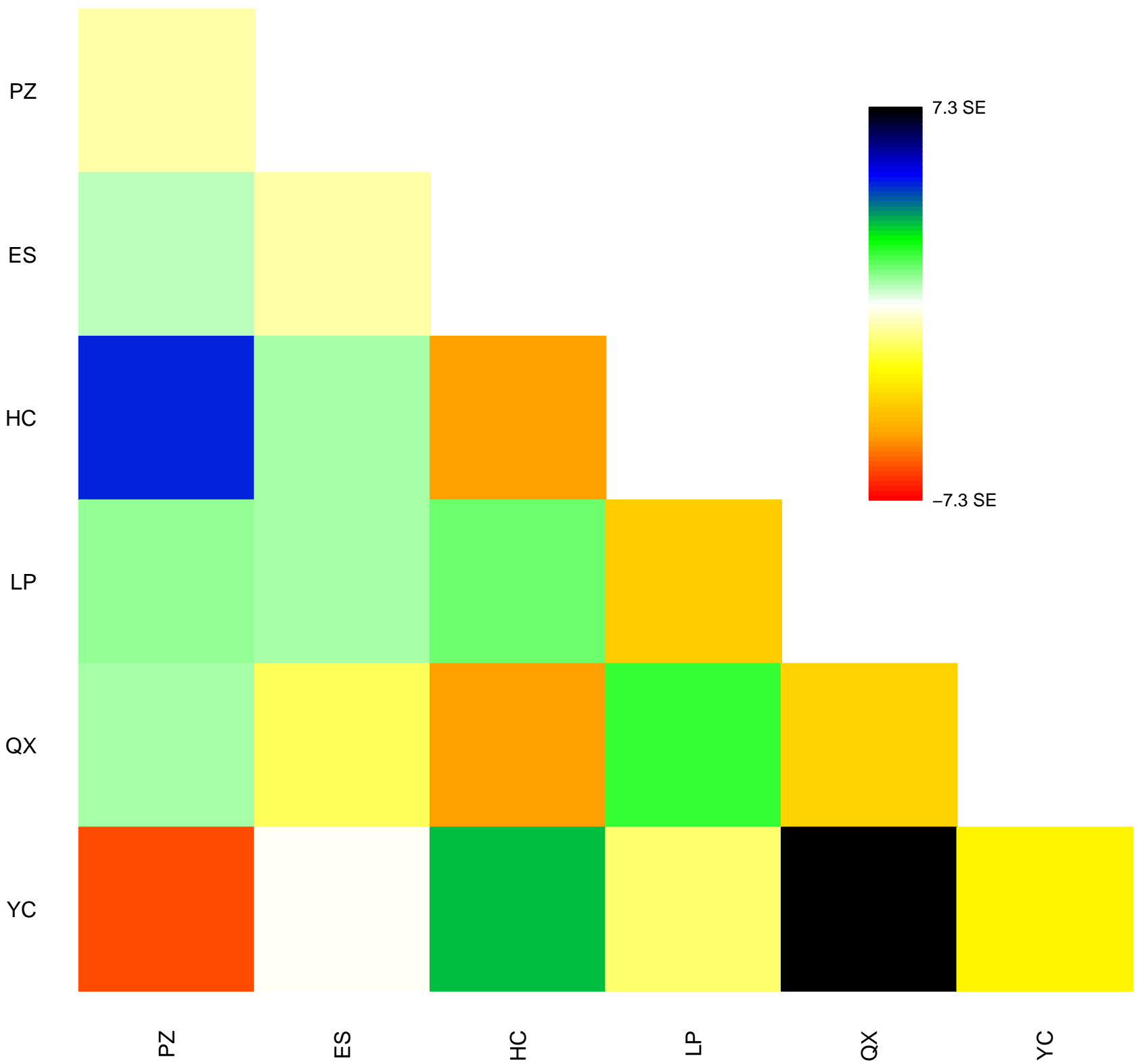
Tree scale 0.02



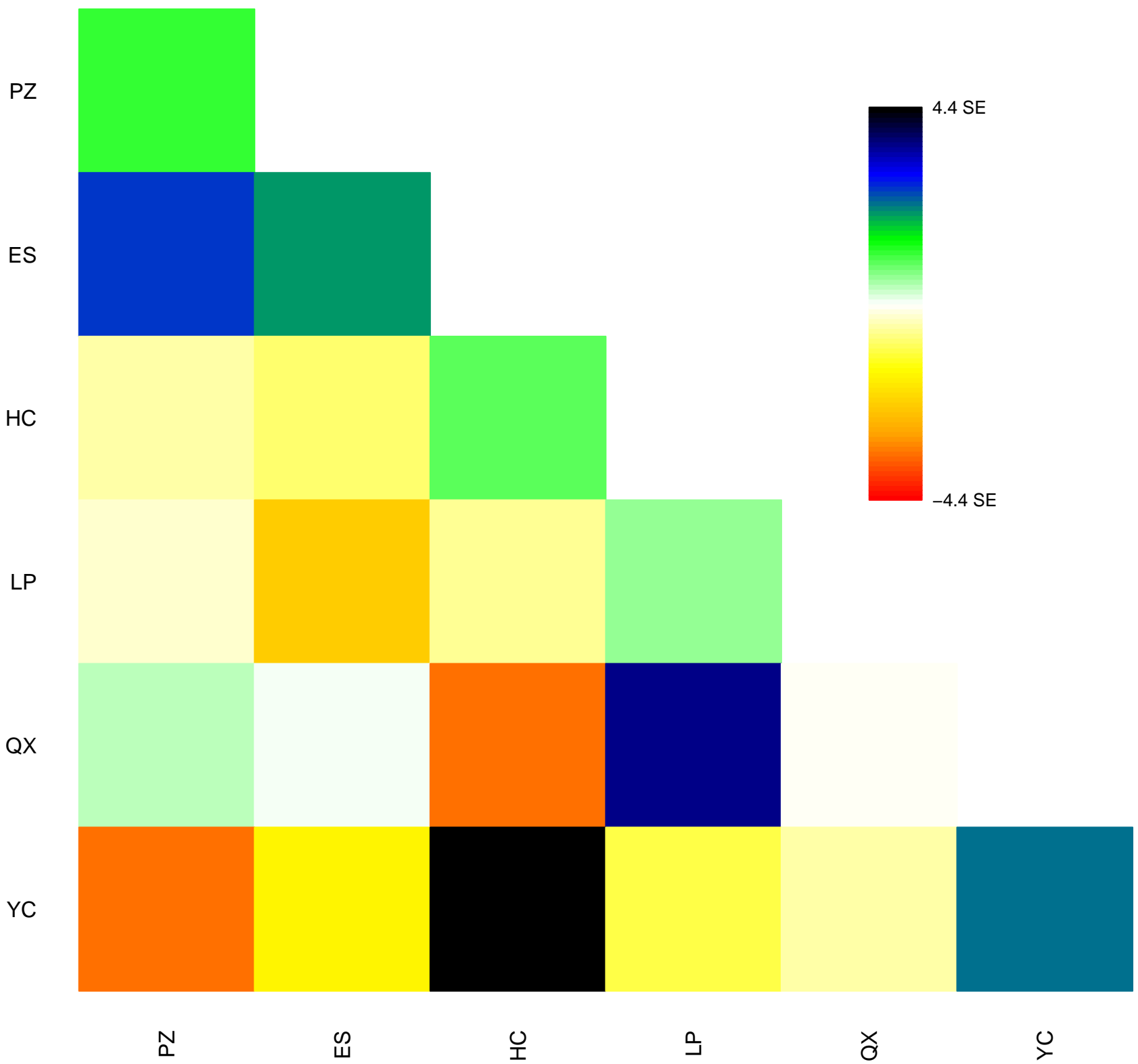
图S6 丫杈猪个体间进化树

Fig. S6 Phylogenetic Tree of Yacha pigs

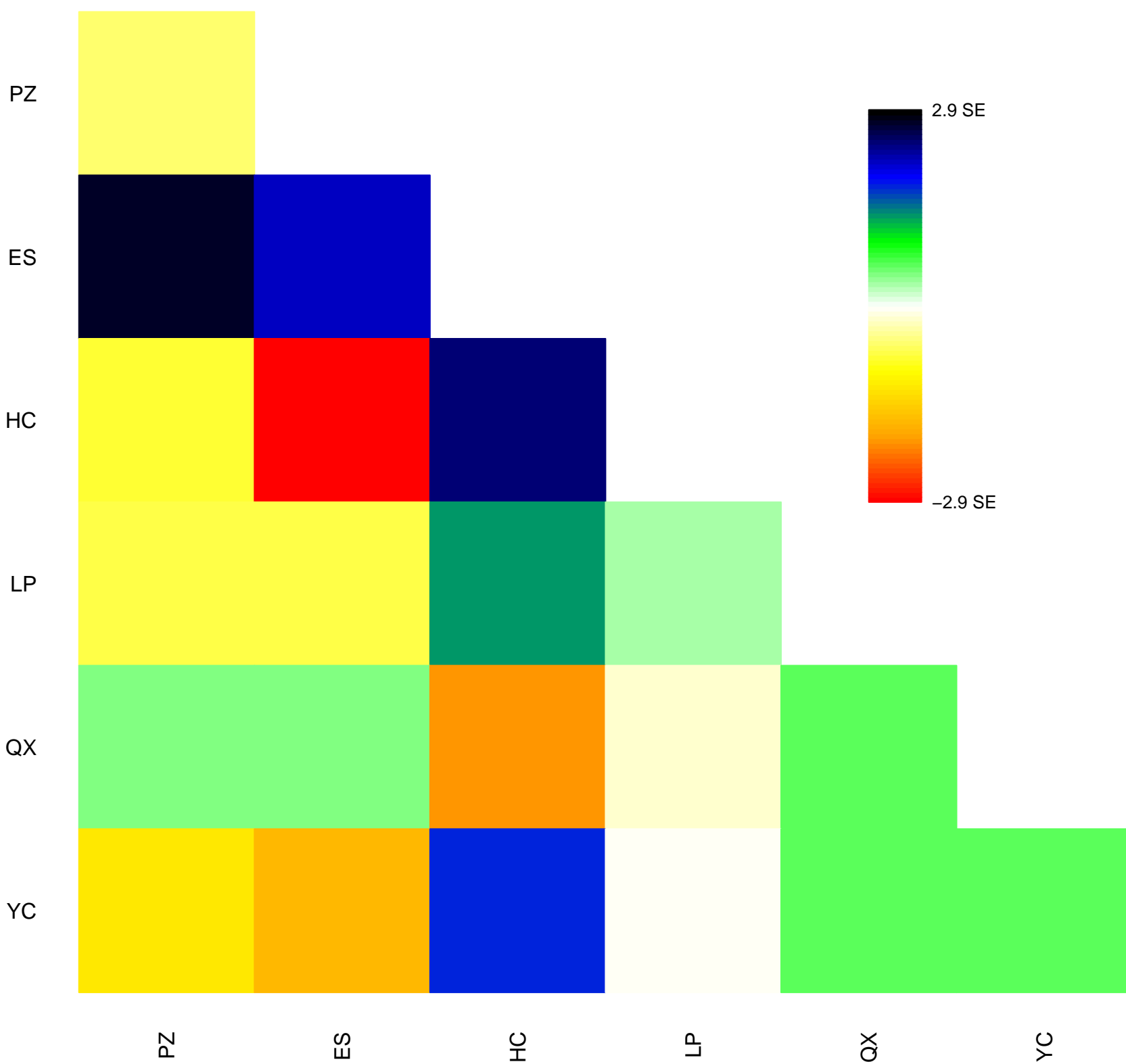
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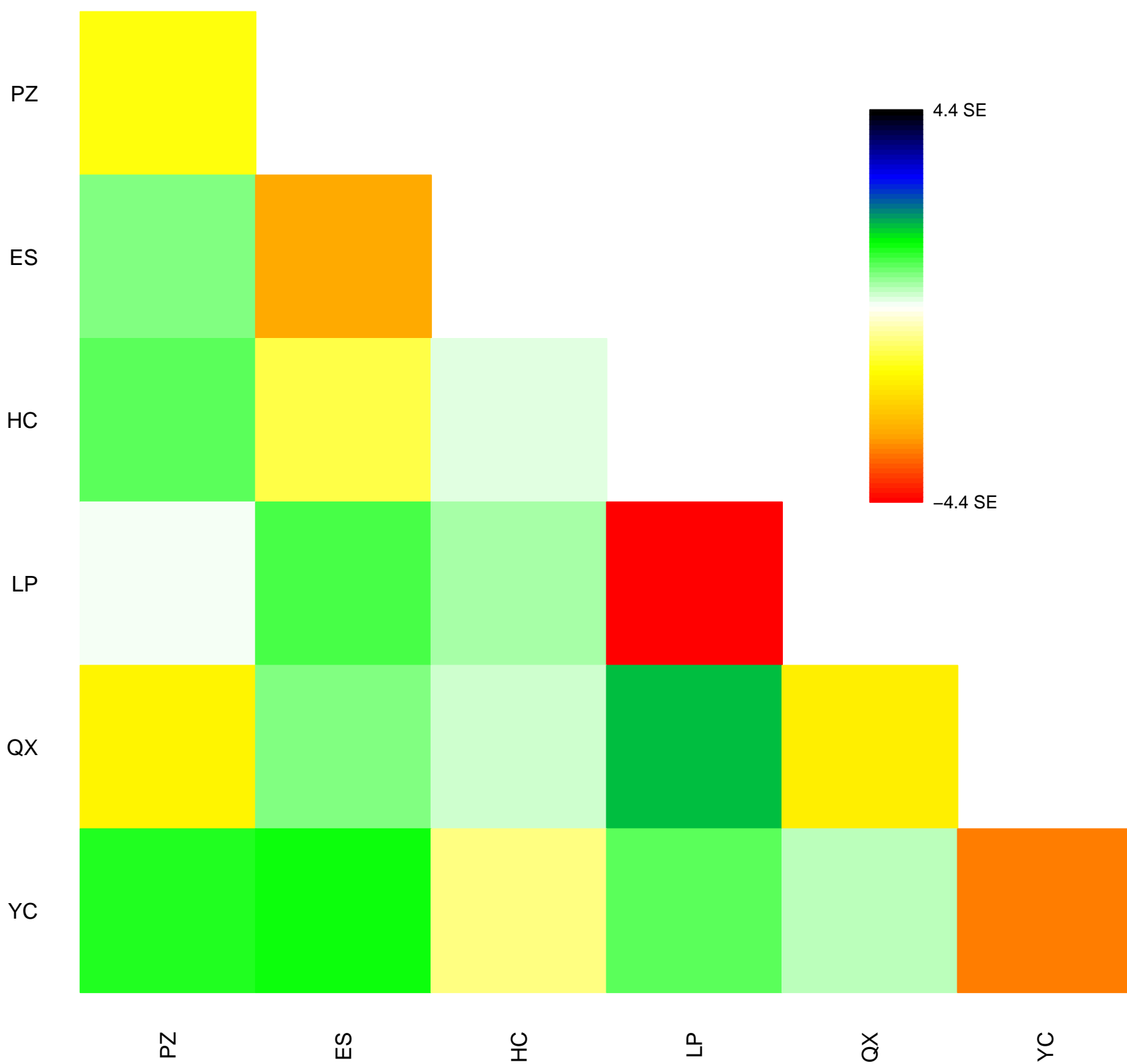
K=2



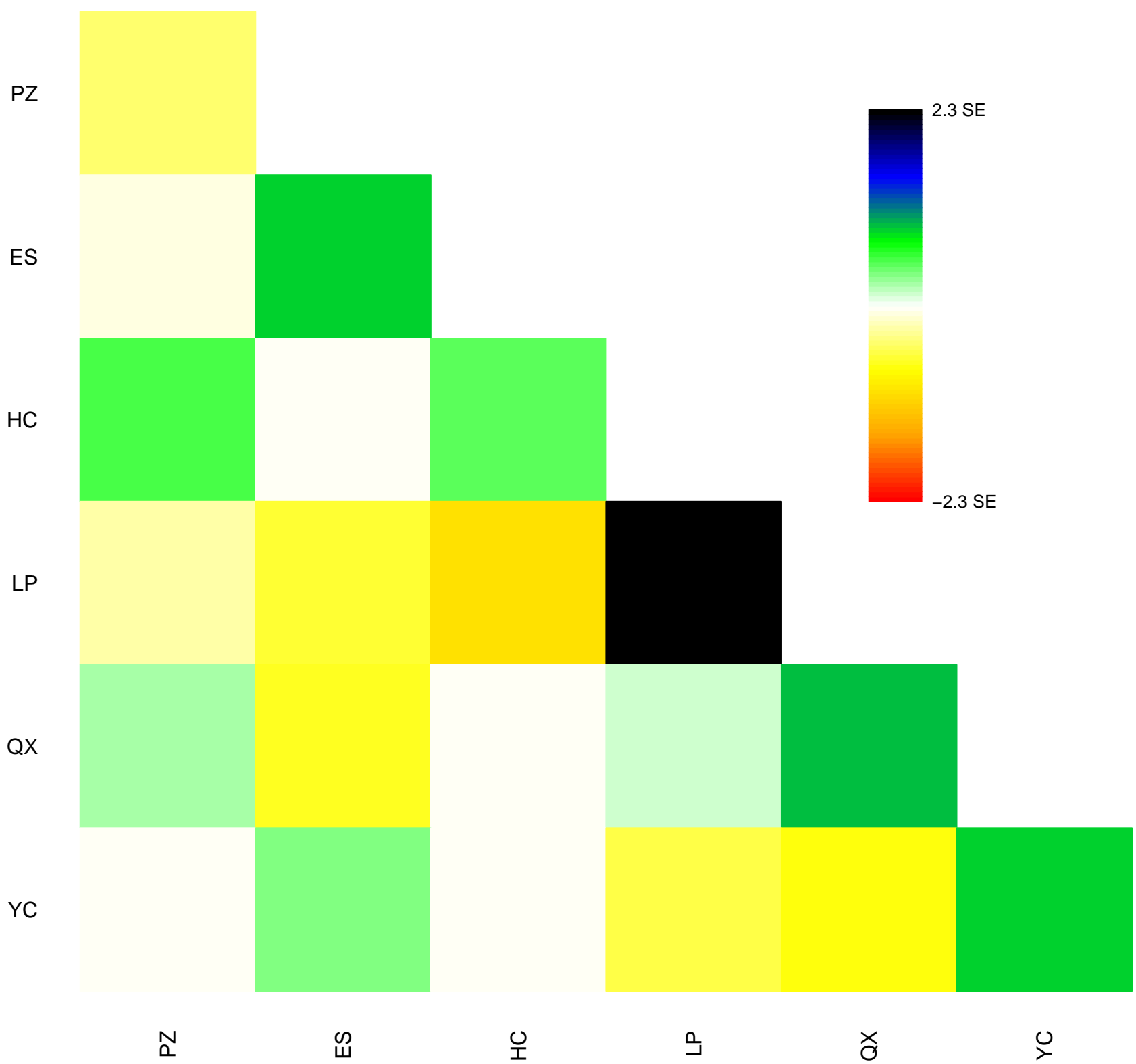
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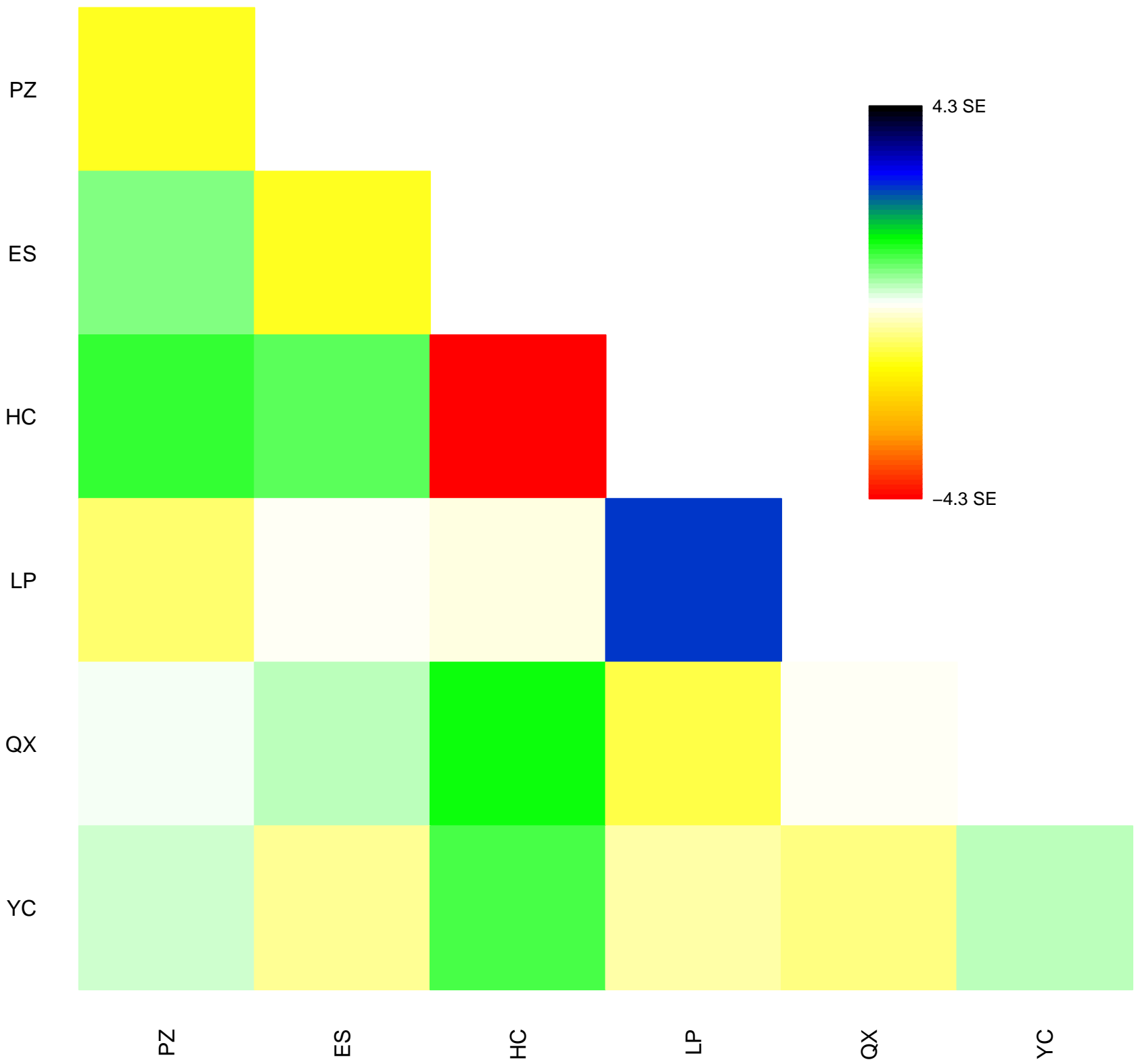
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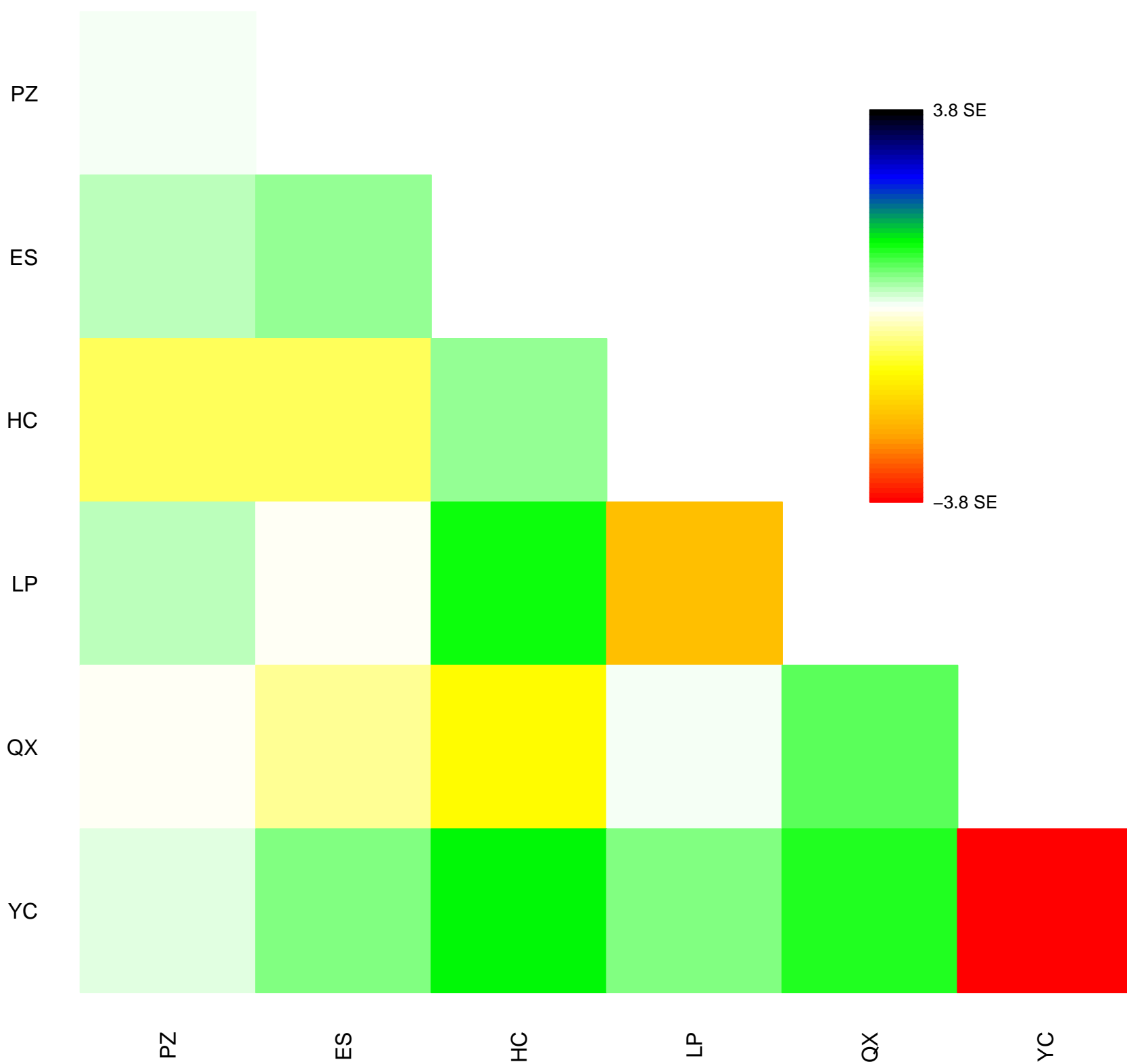
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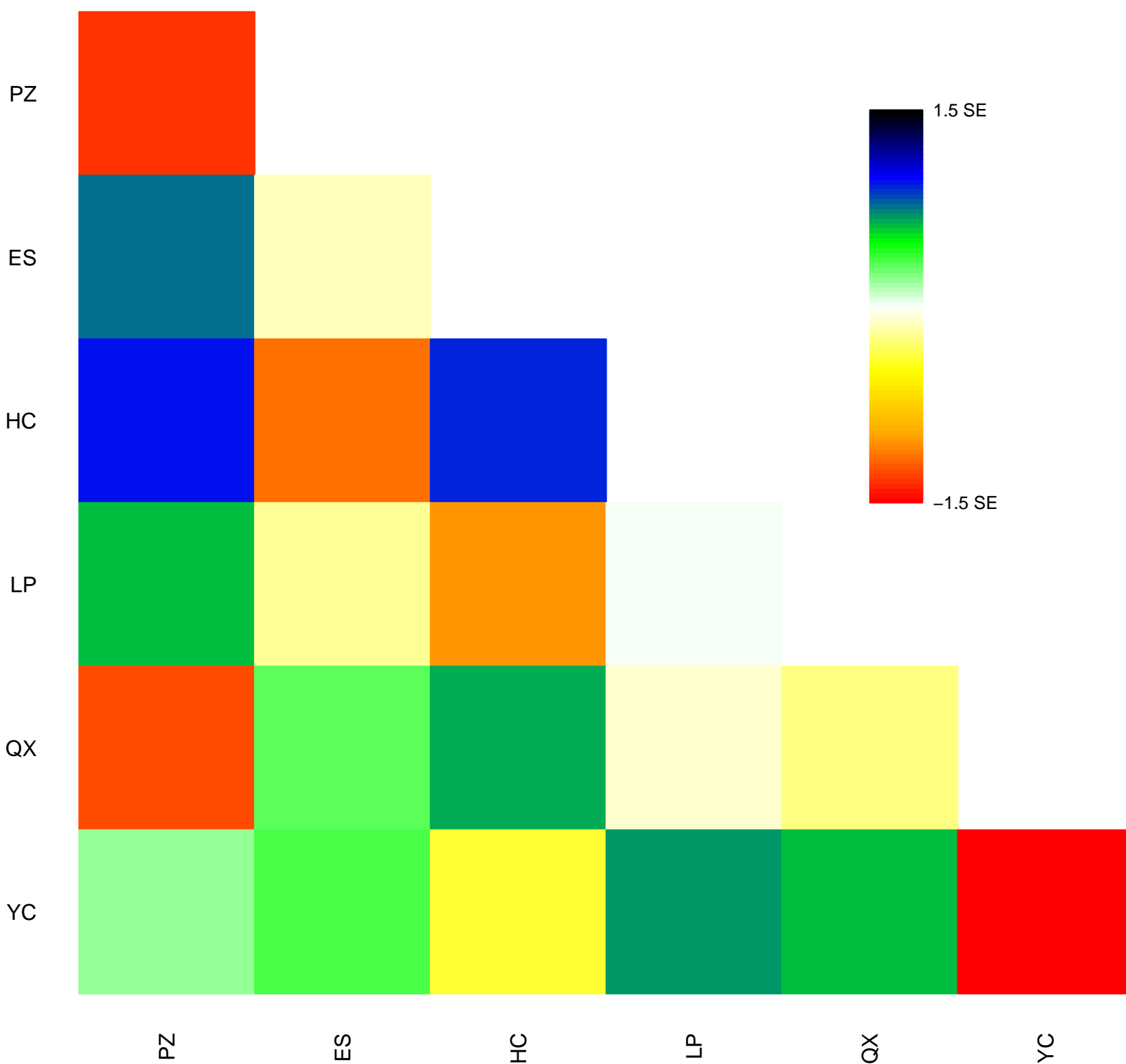
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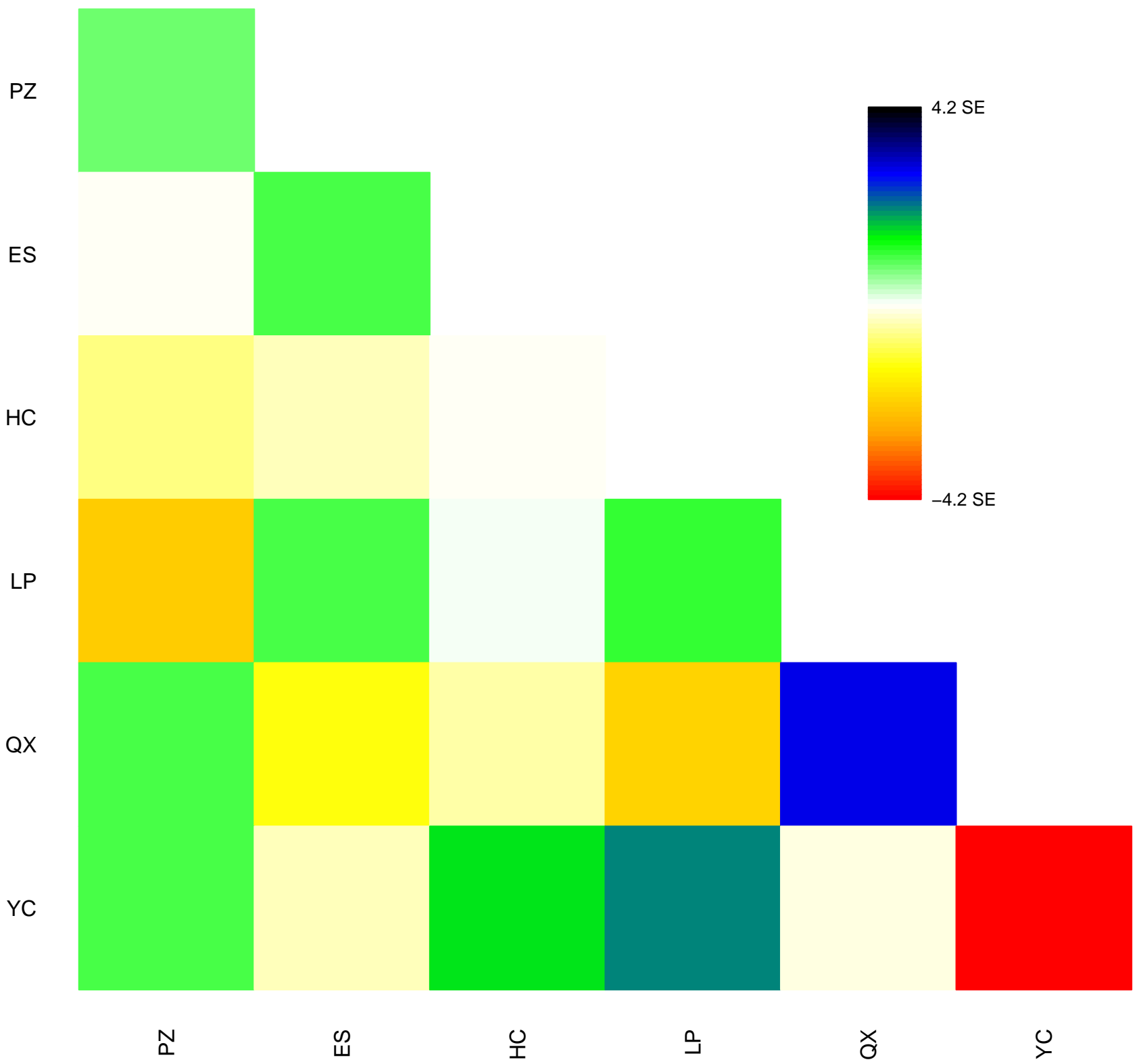
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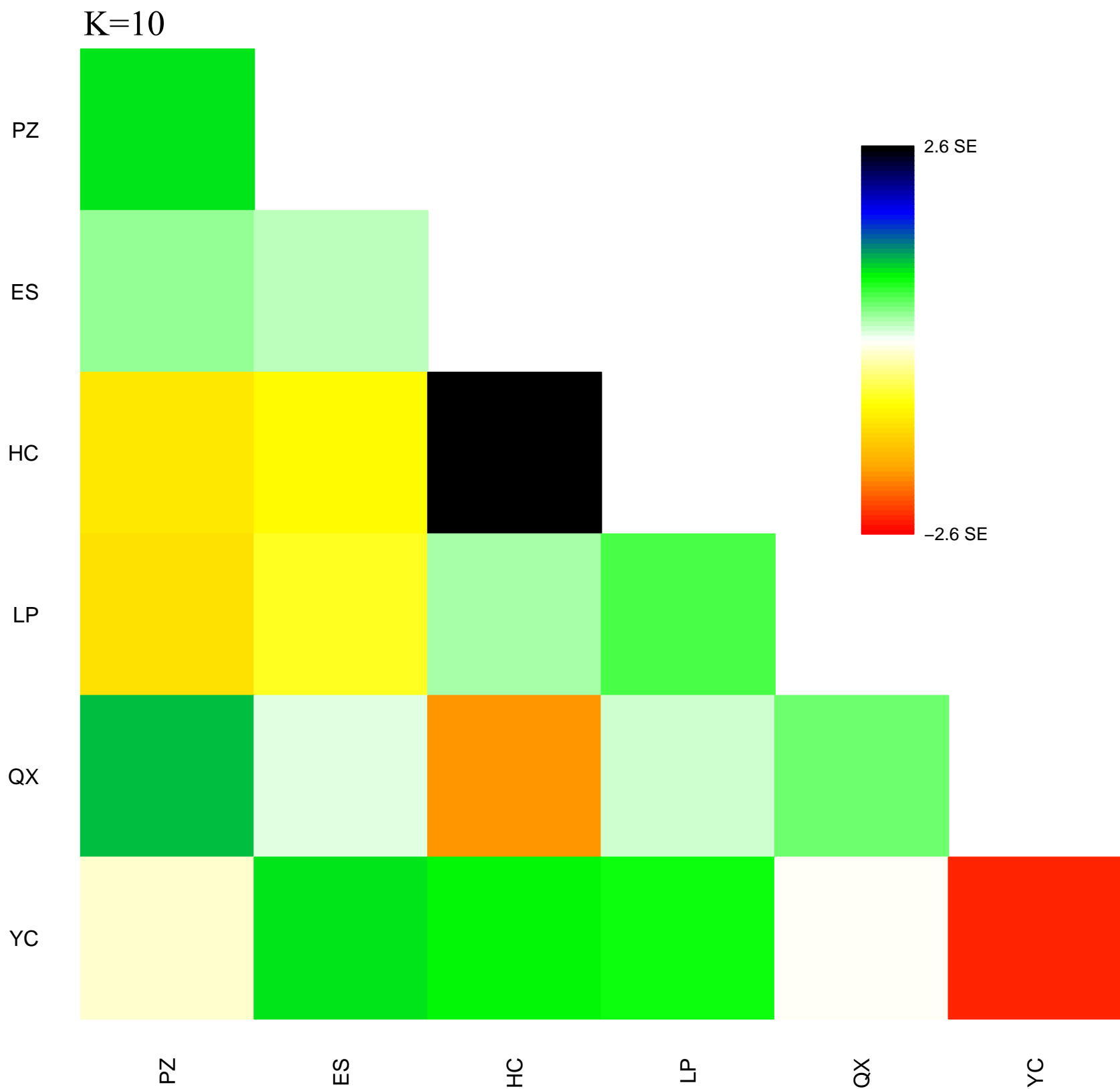


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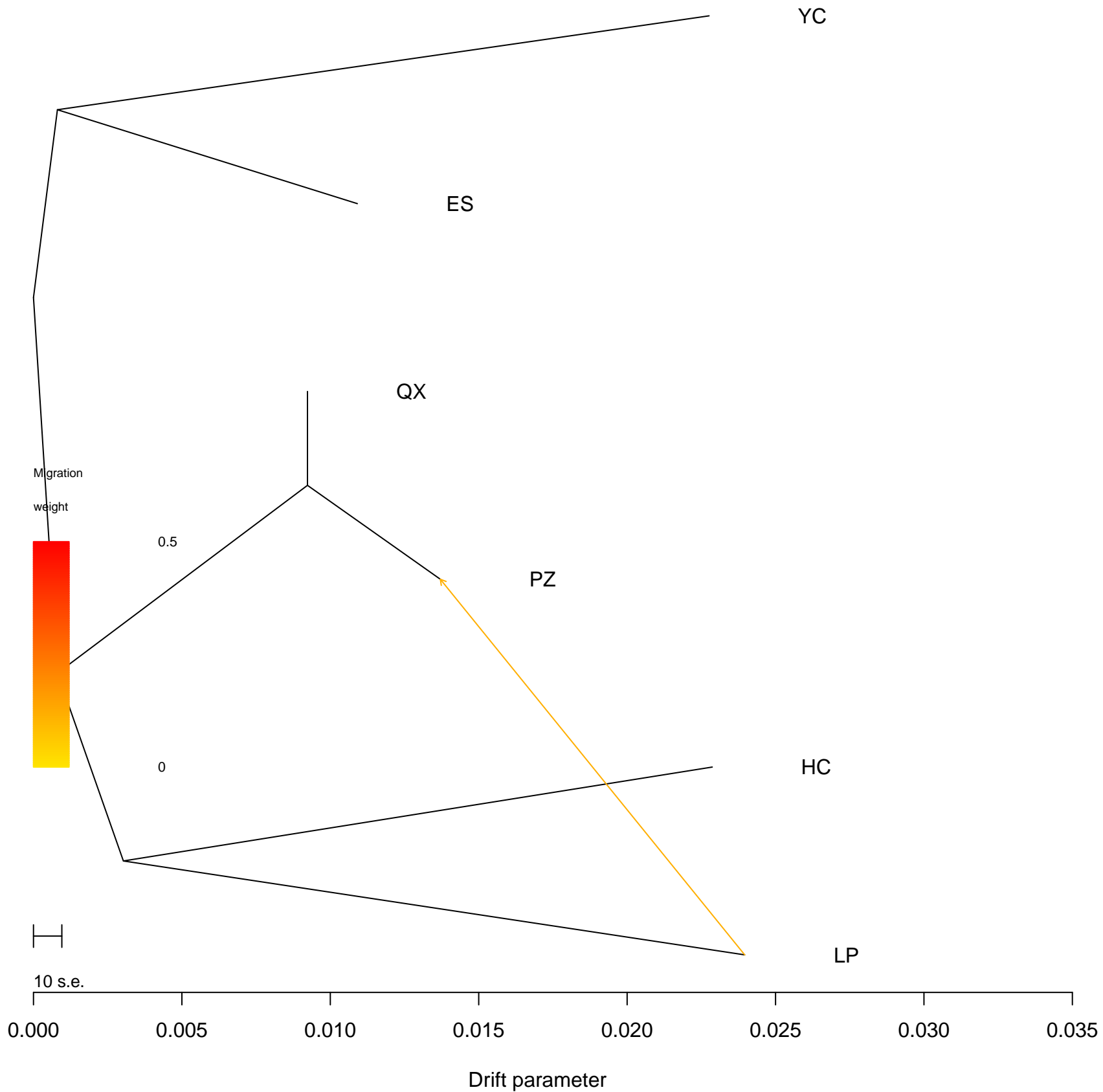
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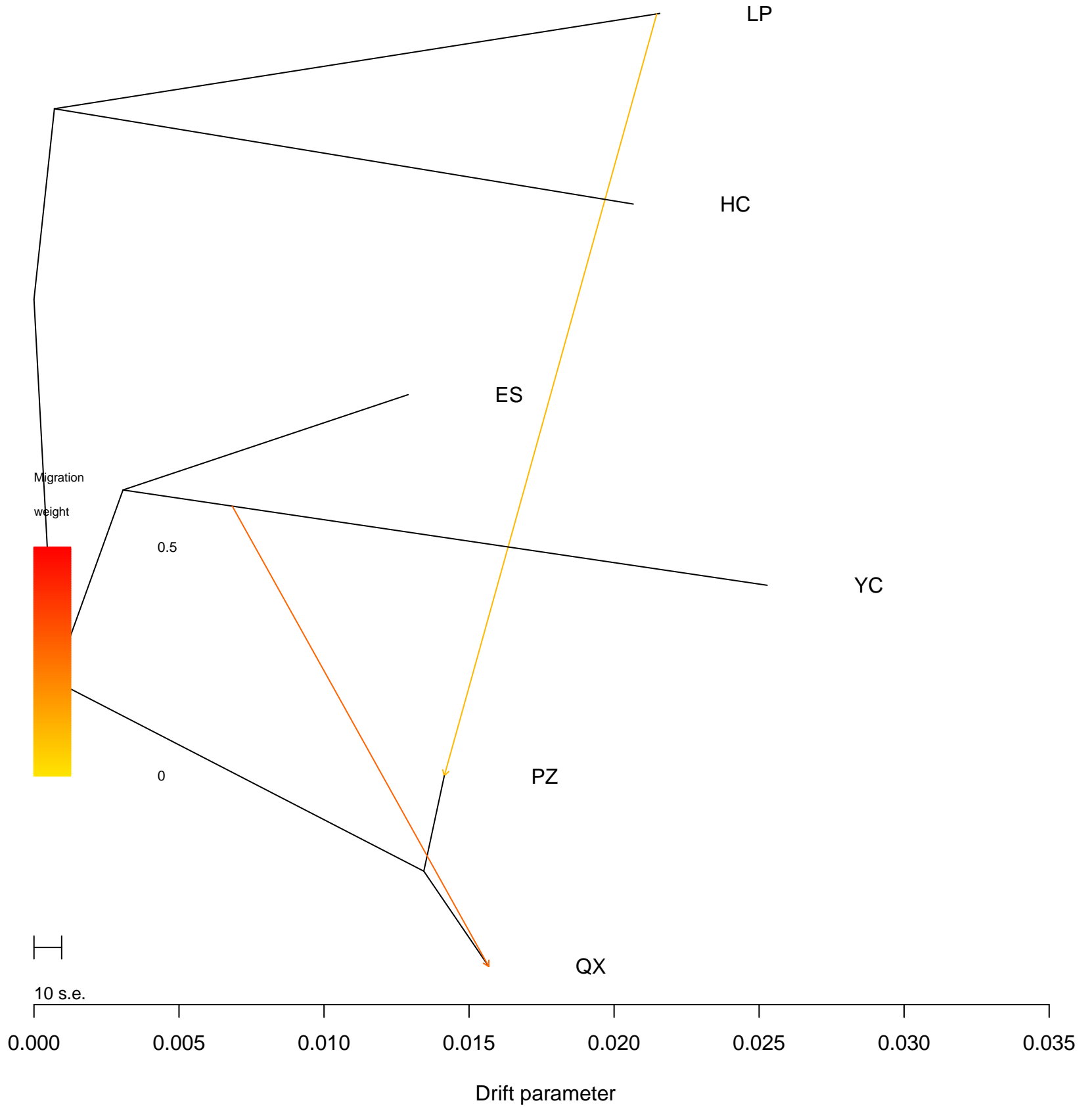


图S7 1-10次迁移事件模型
Fig. S7 Models for 1 – 10 migration events

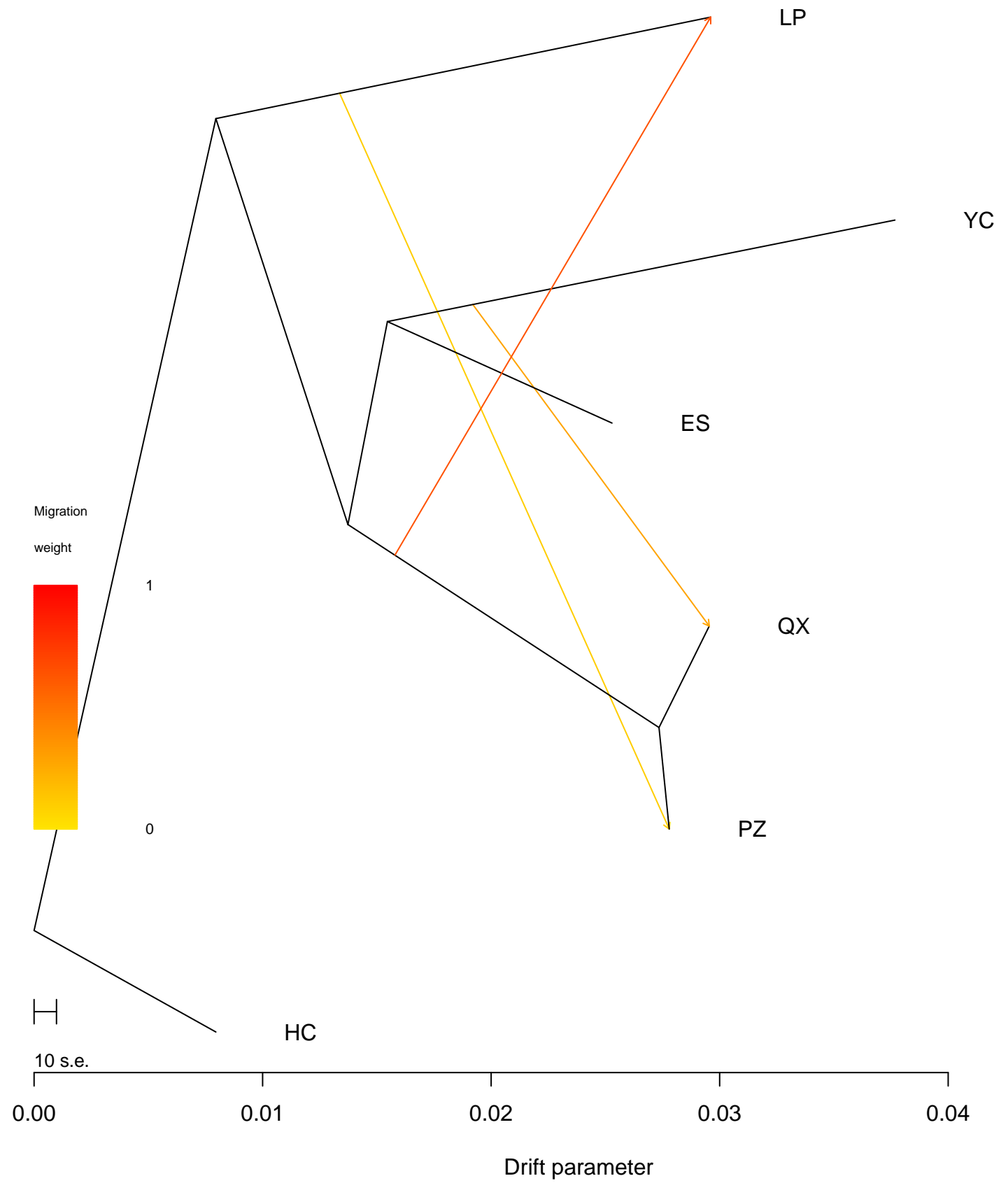
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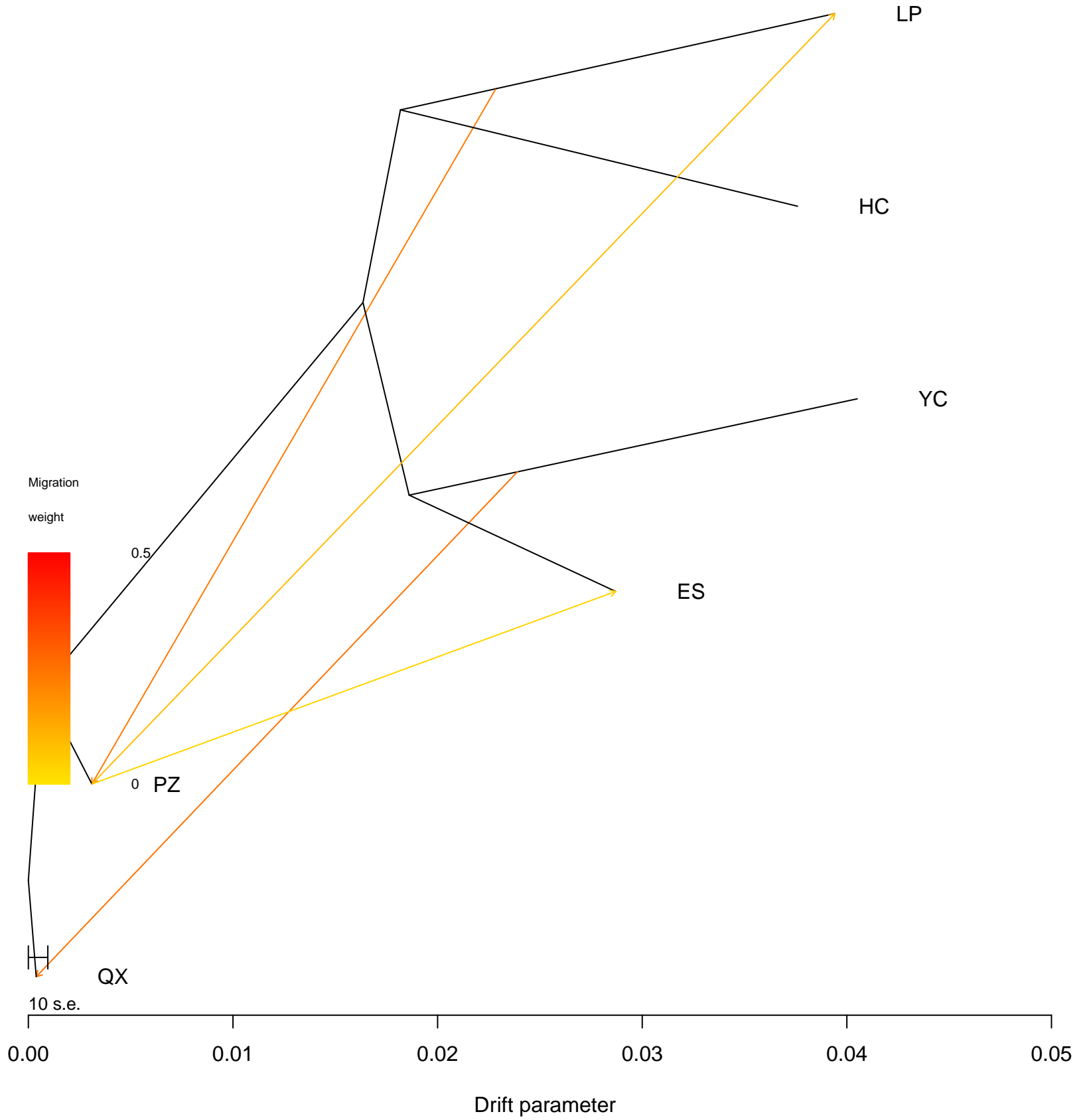
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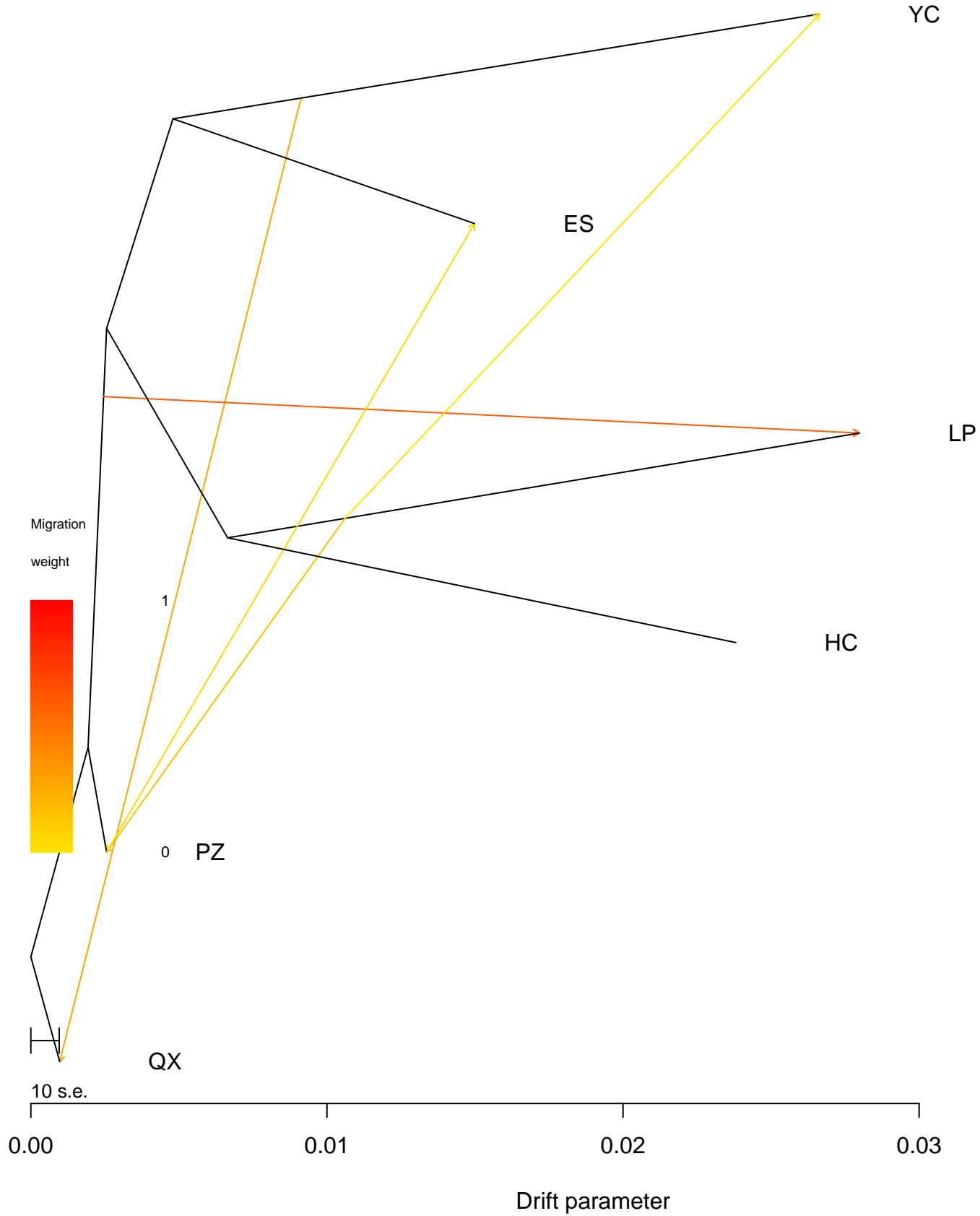
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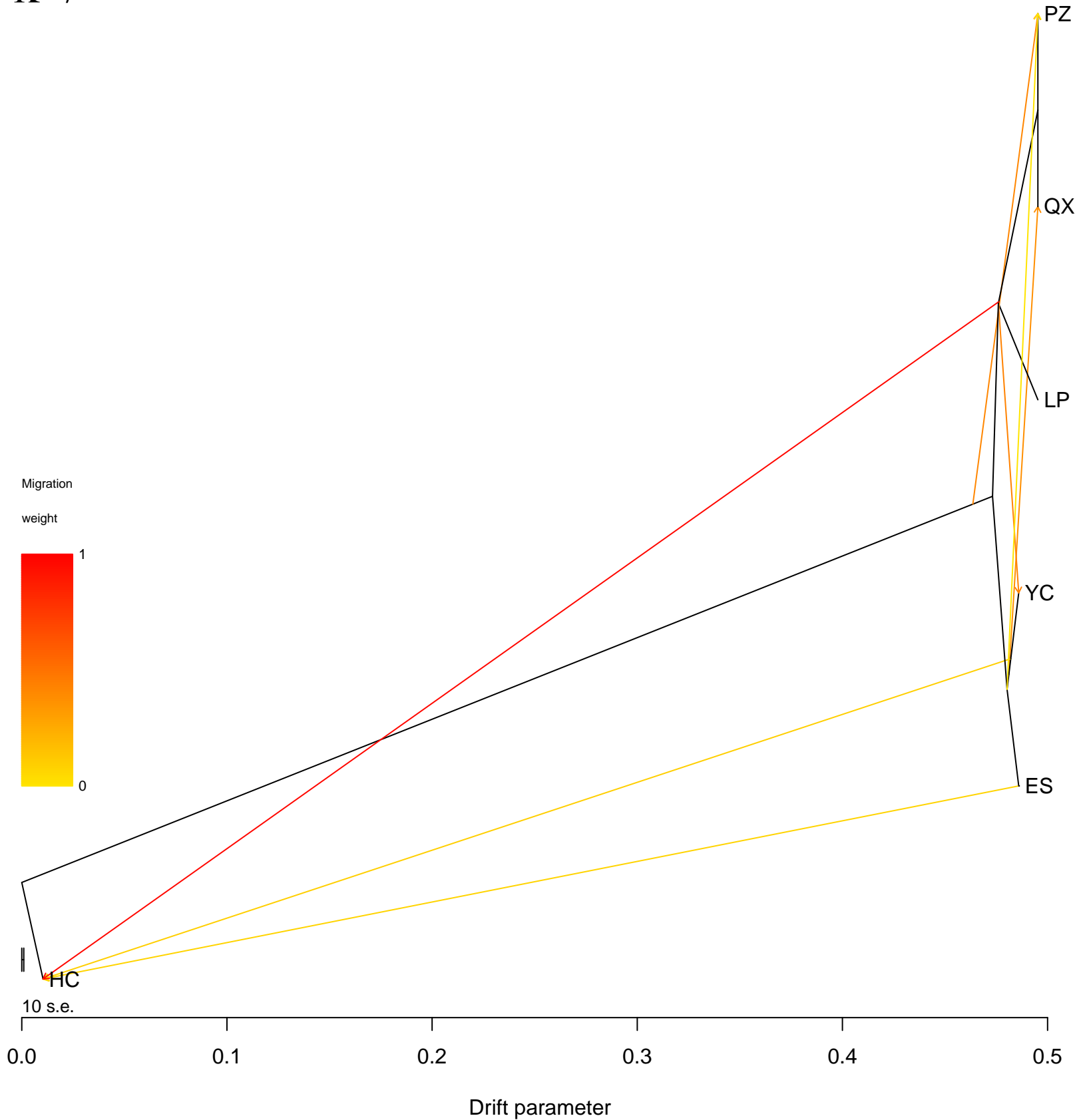
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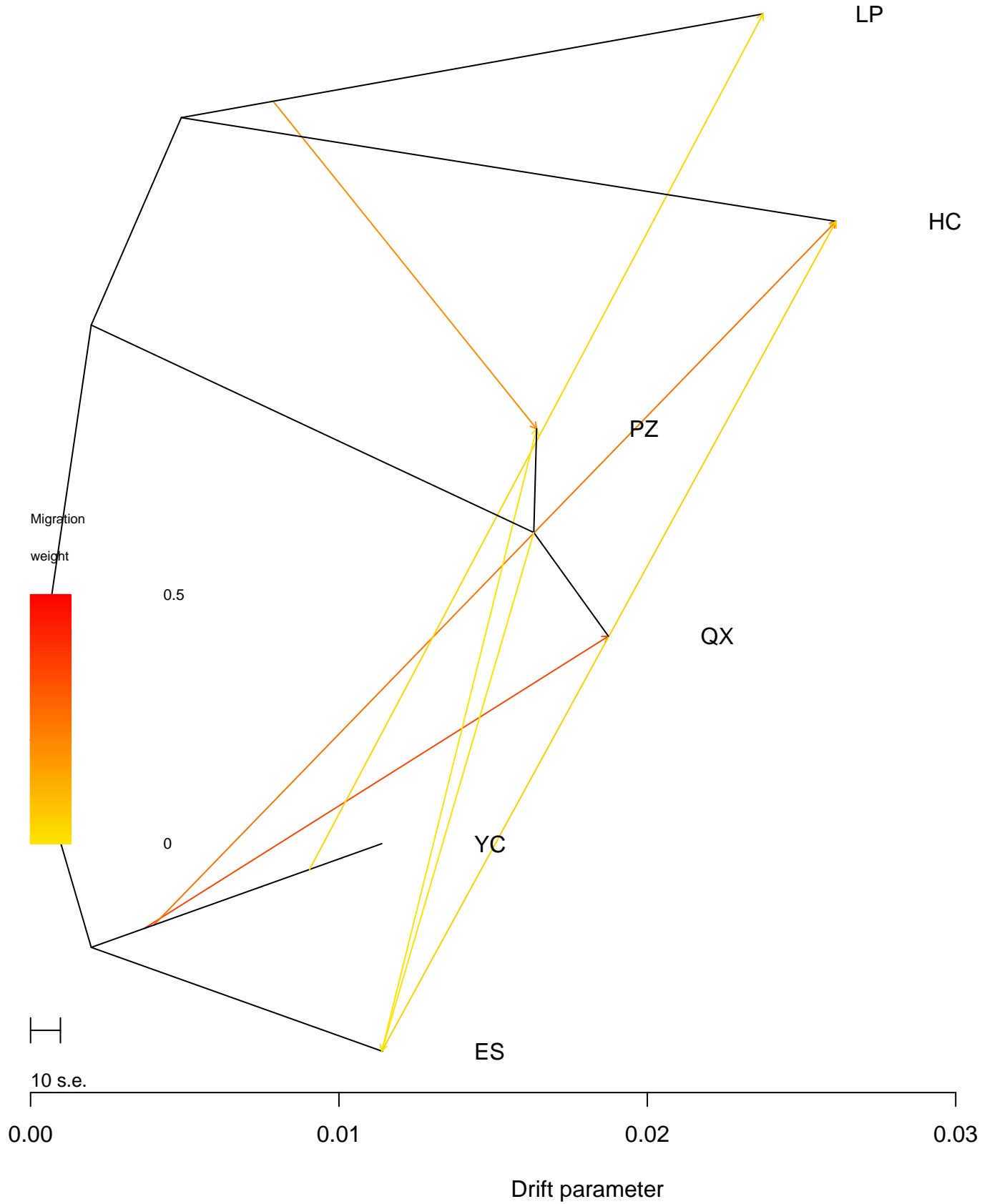
K=5



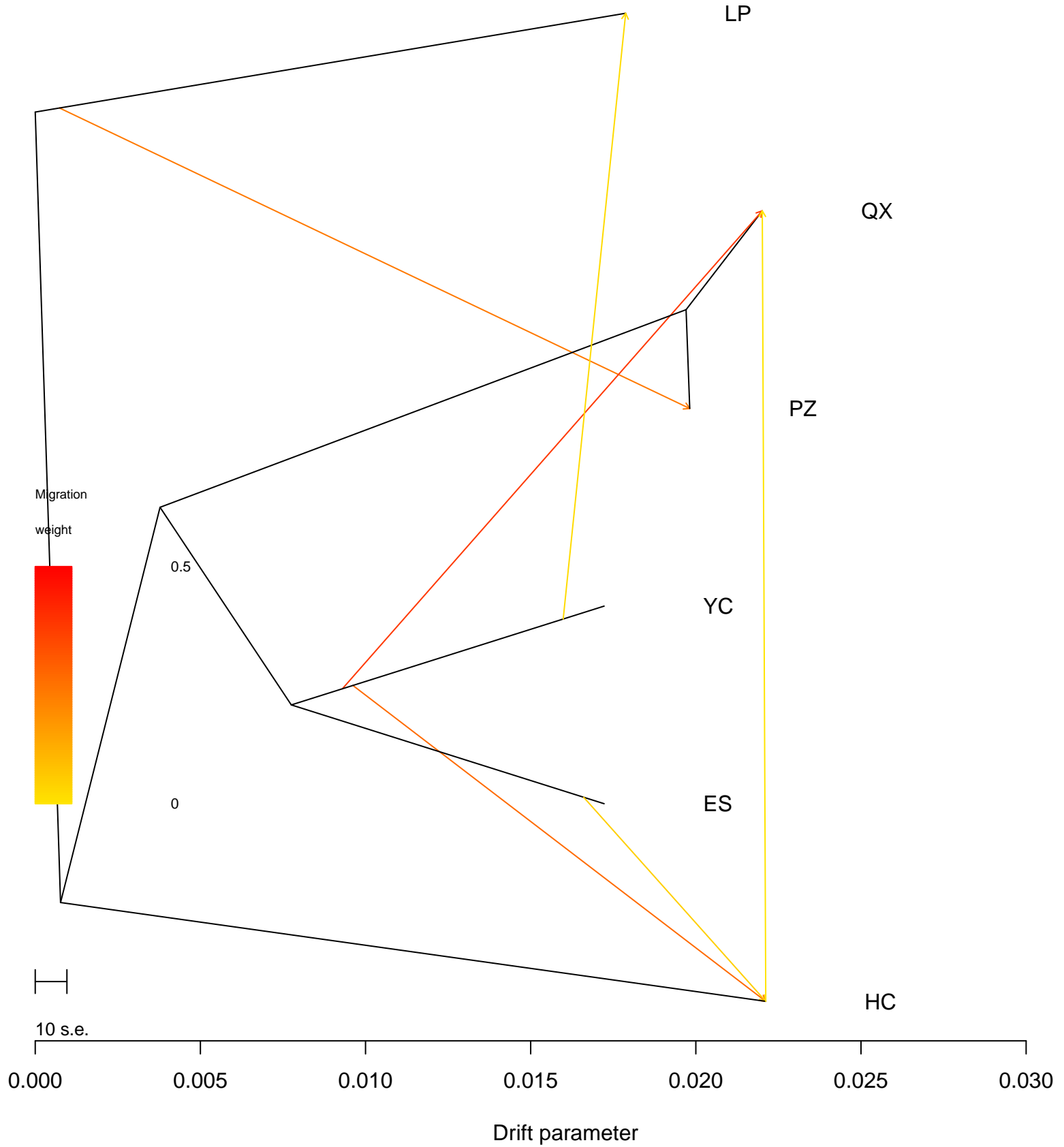
K=7



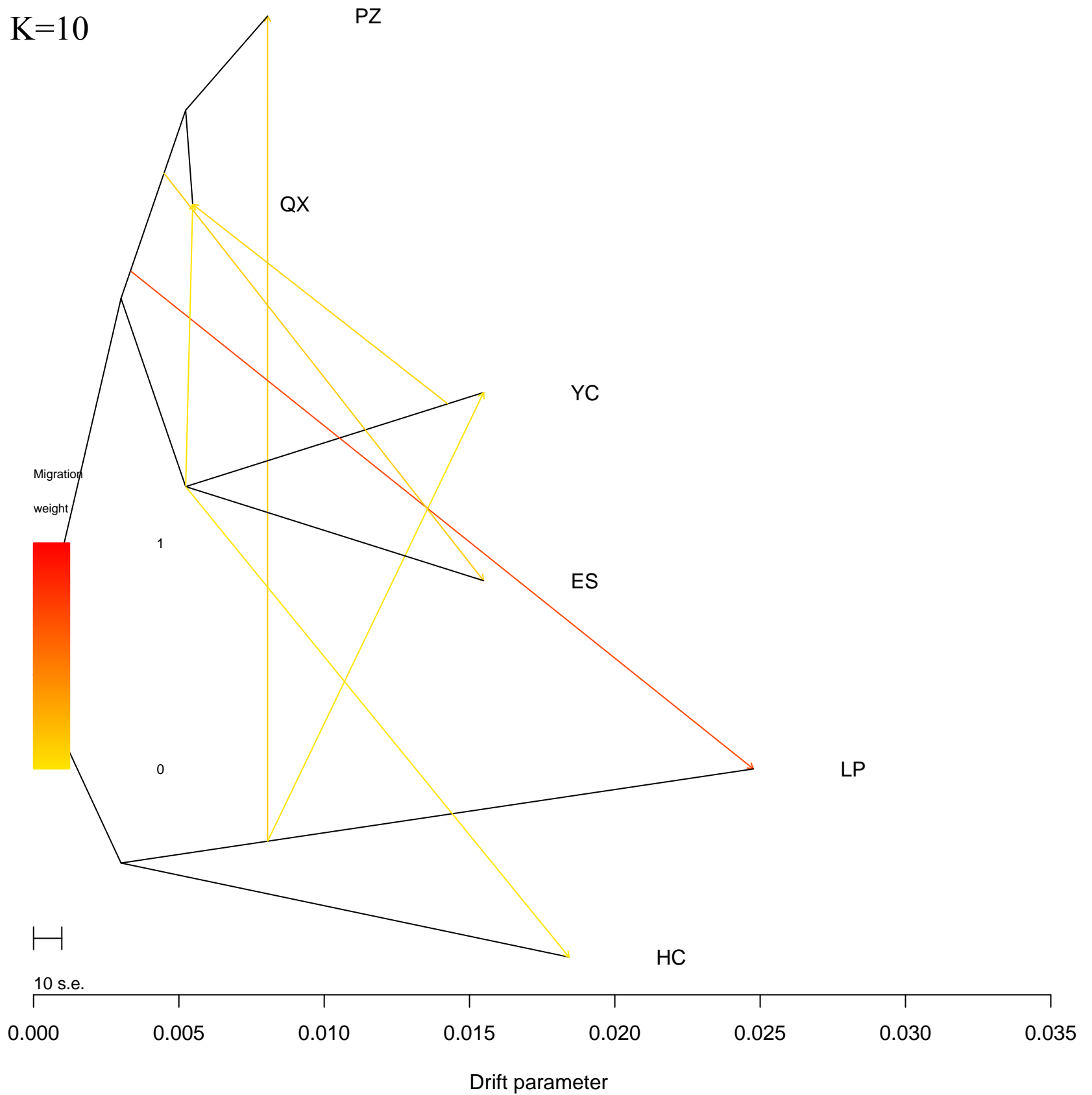
K=8



K=9



K=10



图S8 1-10次迁移事件模型对应的残差图

Fig. S8 Residual Plots Corresponding to Models with 1-10 Migration Events