

Table S1 Primer sequences for markers used in this study.

Forward primer	Primer sequence	Reverse primer	Primer sequence	Location
NDPSX55F	GGTGATCCACCAAGCAACC	NDPSX55R	TCCAACGAGAGATAAAAAGAGG	XL_group1a: 6768563
NDPSX2F	AGTACGGTCCACCCCTTACC	NDPSX2R	GGAAATGGAAATGGAGAGCA	XL_group1e: 10966474
NDPSX22F	GTGCTGCACTCCGTTTCGATA	NDPSX22R	CCAAAGTTGAAGGGTCCAGA	XL_group1e: 6553449
NDPSX56F	TCTCTCTGCATGCTCGAA	NDPSX56R	GATGGTTAAATTTAGGCGATGA	XL_group1e: 5892976
NDPSX31F	TGAGGCTCGGAACTAAAAT	NDPSX31R	GGACATTCTGCCATGTCCTT	XL_group1e: 1271074
NDPSX23F	GTTGCTGTCGCCAGAGTACA	NDPSX23R	CATACTCCACCTCCTGCACA	XL_group3a: 2511422
NDPSX43F	CCCAAGGAAGGCAAGAAGTC	NDPSX43R	AGAATACCCCAACGATTCC	XR_group6: 5826743
NDPSX48F	AAATTGCCACGAAAAAGT	NDPSX48R	ACCTGCGACCACAATTAAGC	XR_group6: 11342391
NDPSX30F	TATGCAGCCCACAAAGGATT	NDPSX30R	TTAGAGCGTTCCTTGCTGGT	XR_group8: 2789114
NDPSX037NF	CGAGAATGGTAGAAGGAGGAA	NDPSX037NR	GACTCGATGAAAGGCAAAGG	XR_group8: 5051028
DPS2028F	TCAGCCTCCGCTTCGATTG	DPS2028R	CGCTACCTCGTACCTATACAGCAT	2:1518641
DPS2017F	ACCTCGCTTACCATTTTCTCCA	DPS2017R	GGGAAATTTGTGCAGCTTGTGA	2:4790187
DPS2011F	ACTGTCTGCAGCTGCAGACAGA	DPS2011R	AATTGCACTTTGCGCTGATG	2:12296317
DPS2024F	TGTCCAAATCCCACGCAGAT	DPS2024R	ATGCTCCAAATGGCCGATG	2:18462645
DPS2031F	TGTTGACAATTTGGCGATACCC	DPS2031R	GCTGCCTCATTGCATTGGTT	2:21656284
DPS2_390pF	AAACAAGGCAGAATCCCACACAAC	DPS2_390pR	TTTTGTTTGCCAAATATGCTCGGCG	2:26679247
DPS2_1206eF	TTTTGCCATTTTATTGAAGGCTGCATCTG	DPS2_1206eR	ACGAAAGACCGTAAAGGAAAGGCAC	2:30776914
NDPS3018F	TCAGCCCACTCTGGAECTCT	NDPS3018R	CAGCAACAACCTTGAGCATT	3:321319
NDPS3001F	TAGCTTGACAGAGCGAGTGG	NDPS3001R	TCCAACAAGCACCGTAATTTT	3:2761278
NDPS3002F	ATGGCAACAATTTCCAAACC	NDPS3002R	TTGTGACCCGTTGACTACCA TTTGAAGGGCACTAAAAGC	3:5540542
DPS3007F	TTAAGCAGATGGGGATGA	DPS3007R		3:9187186
NDPS3010F	GCTGACGGTACGATGGATTT	NDPS3010R	CGGTCAAAGAGGAAATGGAA	3:9917710
NDPS3006F	CAGAACAGGTTATCAAGTTGTCG	NDPS3006R	TGAGGCTGGGCCTTATTTAG	3:17425745
NDPS3005F	ATCAGCAGCATCATCAGCAA	NDPS3005R	GCAGAGGATGGGTATGGATG	3:14604447
NDPS3021F	AAGTAGCAGGCTGTGGGTGT	NDPS3021R	TGGAATGCGAGAAGGAAAAC	3:11734192
NDPS3015F	AGTGGCTGCCCTCCATTATT	NDPS3015R	TGTAAGGCGAGCAATGAGTG	3:13340670
NDPS3008F	ACGTCCGTAGGCAACAAAAA	NDPS3008R	AGAGGCAACGACGAGTGAGT	3:18701139