

S13074702-Assay 21 Hybridization Display

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1      CCGAAAGGAG CCGGTGAACG CGTCTGGGGA TGARMCCAGC ATGGATATCC GCATCCATTT
      GGCTTTCCCTC GGCCACTTGC GCAGACCCCT ACTYKGGTGC TACCTATAGG CGTAGGTAAA

61     TAATGAGGAA ACGAAGCAGC TTATCATCCA AGACGGTGGT GTCCGCATGA CAGAGGAGGA
      ATTACTCCTT TGCTTCGTGC AATAGTAGGT TCTGCCACCA CAGCCGTACT GTCTCCTCCT

121    ACTCGAT AAA AA CCTCGGTT CCTTTGGTTC CTCAGGAACC AGGAGTTTCC TTGAAAAAT
      TGAGCTA TTT TT SGAGCCAA GGGAAACCAAG GAGTCCCTGG TCCTCAAAGG AAC TTTTAA

181    TCAGAACGGC TCTAAAGACT CTTCCATATA TCTAATTGGG CAATTCCGGT TGGGGTTTAA
      AGTCTTGGCG AGATTCTGA GGAGTTTATT AGATTAACCC GTTAAGCCAC ACCCCAAAAT

241    TTCCG TTTT CTGTTGGGG ATCGGGTGAG TGTGGCCTCC AAGAGCGATG ATAGCGAIGT
      AAGGC AAAA GAGCAACCCC TAGCCCACTC ACACCGGAGG TTCTCGCTAC TATCGCTACA

301    GCAGTACGTC TGGGAGTCAT CAGGTGACGG AAGTAC TTT TT ATATGAGG ACCCCGCGG
      CGTCATGCGC ACCCTCAGTA GTCCACTGCC TTTCATG AAA AA TATACTTC TGGGGGCGCC

361    GAATACCTTG GGGAGGGGTA CTGAAATCGT CATTGATCTC AAGCCGGAGC CTTGGAGTT
      CTTATGGAAC CCTCCCCAT GACTTTAGCA GTAAC TAGAG TTCGCCCTGC GGAACCTCAA

421    CCTTAAACCC GATTTTCATCA AAGAGGTGAT CCAGCAGTAC AGTGAGTTTA TCGATTACCC
      GGAATTGGG CTAAAGTAGT TTCTCCACTA GGTGCTCATG TCACTCAAT AGCTAATGGG
  
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Fig. No. 15

Nombr primer LSM	Descriptive name	Fluorocromo 5'	Sequence (5'-3')	Fluorocromo 3'	Length	Start	Stop	Tm	GC%	Self complementarity	Self complementarity	Product length FW-RV	Product length PS-RV
2011_MS_2A_RPA_LFA_Fwd	Option_2A_Fwd_MS		AATTGGTATGGTATATTGAAATCCCGAAAGG		32	89	100	62.46	34.38	0.00	0.00	243	167
2012_MS_2A_RPA_LFA_Rev	Option_2A_Rev_MS	5'Biotin-	CCATTAGATTATGGAGGATCTTTAGAGC		31	311	281	61.71	38.71	0.00	0.00		189
2013_MS_2C_RPA_LFA_Fwd	Option_2C_Fwd_MS		AATTGGTATGGTATATTGAAATCCCGAAAGG		33	68	100	62.76	33.33	0.00	0.00	241	164
2014_MS_2C_RPA_LFA_Rev	Option_2C_Rev_MS	5'Biotin-	ATTAGATTATGGAGGATCTTTAGAGCGG		30	308	279	62.80	40.00	0.00	0.00		186
MS_Probe_25_2021_RPA_LFA	Option_24021_PROBE_MS	5'Fam-	CCATTTTAAAG AAGAAATGAAGCAGCTAT[THF]ATCCAGAGCGTGGTGC	-C3&spacer 3'									

Fig. No. 16

				vs Chromosomes OPGPr2									
Nombr primer LEM	Descriptive name	Fluorocromo 5'	Sequence (5'-3')	Fluorocromo 3'	m1g1	m2g2	m3g3	m4g4	m5g5	m6g6	m7g7	m8g8	
2011_MS_2A_RPA_LFA_Fwd	Option_2A_Fwd_MS		AATTCGTATGGTATATTGAAATCCCGAAGG	>	0	0	0	0	0	0	0	0	
2012_MS_2A_RPA_LFA_Rev	Option_2A_Rev_MS	5'Biotin-	CCAATTGATTTATTCGAGGAGCTTTTAGAGC		0	0	0	0	0	0	0	0	
2013_MS_2C_RPA_LFA_Fwd	Option_2C_Fwd_MS		AATTCGTATGGTATATTGAAATCCCGAAGG	>	0	0	0	0	0	0	0	0	
2014_MS_2C_RPA_LFA_Rev	Option_2C_Rev_MS	5'Biotin-	ATTAGATTATTCGAGGAGTCTTTTAGAGCGC		0	0	0	0	0	0	0	0	
MS_Probe_25_2021_RPA_LFA	Option_1-2021_PROBE_MS	5'Fam-	TGAACCCAGGATGGATATTCGATCCATTT[THF]AATGAAGAAATGAAGCAG - C3-Spacer 3'										
			[THF]= T										

Fig. No. 17

				vs CDS OPGPr2								
Nombr primer LBM	Descriptive name	Fluorocromos 5'	Sequence (5'-3')	Fluorocromos 3'	m1g1	m2g2	m3g3	m4g4	m5g5	m6g6	m7g7	m8g8
2011_MS_2A_RPA_LFA_Fwd	Option_2A_Fwd_MS		AATTGGTATGGTATAATTGAAATCCCGAAAGG	>	0	0	0	0	0	0	0	0
2012_MS_2A_RPA_LFA_Rev	Option_2A_Rev_MS	5'Biotin-	CCATTAGATTATTTGAGGAGTCTTTTAGAGC									
2013_MS_2C_RPA_LFA_Fwd	Option_2C_Fwd_MS		AAATTGGTATGGTATAATTGAAATCCCGAAAGG	>	0	0	0	0	0	0	0	0
2014_MS_2C_RPA_LFA_Rev	Option_2C_Rev_MS	5'Biotin-	ATTAGATTATGGAGGAGTCTTTAGAGCGG									
MS_Probe_25_2021_RPA_LFA	Option_1-2021_PROBE_MS	5'Fam-	TGAACCCAGGATGGATATTCGATCCATT[THF]AATGAAGAAATGAAGCAG - C3-Spacer 3'									
			[THF]= T									

Fig. No. 18