

Primers used for real-time PCR and Pyrosequencing. MSD: methylation sensitive restriction enzyme digest, pyro: pyrosequencing.

Target	PCR primers	Sequencing primer	Method
Hypo1	for: TACCTAGCGGGTGGACATTC rev: TCCGGGTCTGCAGTAGAGTC		MSD
Hypo2 (<i>Dyx1c1</i>)	for: GGCTTCCTAGCGACGTAAAG rev: TTTCCCCACAGAATACGTCAG		MSD, ChIP
Hypo3	for: AGAGCTGCAAGGCAGATGAT rev: TTTGCCTCCAAGAATCCAT		MSD
Hypo4	for: TTCATGGGGAATTAACGCATA rev: AAGGATGACGCACACTCTTTC		MSD
Hypo5	for: CTCTGAGTGTGTTGTCCCTGTG rev: CTACTCCAATTCCAGGGCAT		MSD
Hypo6	for: TGTGTTCCGTACCACCATTG rev: GGTCTACCCGCACTTTTTCA		MSD
Hypo7	for: GAGCCCAGAGCCCATACTC rev: ACCCTTTAAGGCAGGGATA		MSD
Hypo8 (<i>HoxD9</i>)	for: CCCAGTTTAGCGGACTGATT rev: CTGCAGCCACCATTG		MSD, ChIP
Hypo9	for: AAAACTTCGGCCAACATGAG rev: TGAGCCTGCAGTTCTCTGTG		MSD
Hypo10	for: GCCCTCAATCGCAGACACTA rev: GTTTTAACTGCCAGCCATGC		MSD
Hyper1 (<i>HoxA9</i>)	for: GTGAGTGTCAAGCGTGGGACAGTCA rev: CTCTCCTTCGCGGGCTTAC		MSD, ChIP
Hyper2 (<i>HoxA10</i>)	for: AGCTCGCTAGTCCCTTTTCT rev: GTCGAGCCAGAGGCCAGT		MSD, ChIP
Hyper3	for: ACTGGCCTCTGGCTCGAC rev: CACCACCCACTCTGGTTTG		MSD
Hyper4 (<i>Tnfrif2</i>)	for: GCCCCCAACACTGGACTC rev: GGGCCCTCCTAAAATAGTCG		MSD, ChIP
Hyper5	for: TGCTGTCTGTCATTTGCTCTG rev: CTCCAGGCCTCTGAGGAAG		MSD
Hyper6 (<i>Pitx1</i>)	for: TTGTCTGCAGCAGGTAGGAA rev: CTGGATGGAGGGAGGGAAAG		MSD, ChIP
Hyper7	for: CTATTCCAGTCGGAGCCATC rev: GGAATGGGCCTGAGAAACA		MSD
Hyper8	for: GACCGTCCCTGCAGAGTTAT rev: CGGGGCTGCAGTTAATAAAG		MSD
<i>Dyx1c1</i>	for: TTGTAATATTTAATATAGTGGGAGAT for_nest: AGGGTAGGAAGTGATGGTAATT rev: AAAAAATTAACCTTCAAATAACTTTCC (biot)	Seq1: GGAAGTGATGGTAATTT Seq2: AGTGGTTGTGTAGTT	Pyro
<i>HoxA9</i>	for: TAGTTAGGATAAAGTGTGAGTGTTAA G for_nested: GTGAGTGTTAAGAGTGGGATAGTTAT rev: ACTACAATATATCATCACCACCACC (biot)	GTTAATGTTATAAGGT	Pyro
<i>Pitx1</i>	for: TGTGTTGTTTGTGAAGTGAGTG rev: ATCCCAAACCCCTAAATAAAA (biot)	TTTGTGTTGTAGTAGGTAGGAA TG	Pyro
<i>Esrrg</i>	for: TATTAAGAAAATAGGGAAGGTATTATG A	GGAAGGTATTATGAAGTTTT GGGTTATAGG	Pyro

	rev: CCTCCTTAAACTAAACTCCC (biot)		
<i>HoxA11</i>	for: AGAAGGGGTTTTAAGTAGT rev: CCACCCACCTTATCCTCAA (biot)	GGAGGAGAAGGAGAGA	Pyro
<i>Trim2</i>	for: TATAGTAGATTTTTTAAAAGGGGGT rev: CTCAAACCTACCAAAAAACCTTATA rev_nest: AAAAAAAACAACATAAAACTAAACC (biot)	GTTGTGAATAGAGGTATTGG ATAAGTGA	Pyro
<i>Fstl4</i>	for: GTGAAGTTAGAGGGGATAATAGTGA for_nested: GGGTTTTTTTGTGTTTGTAGGTTTAG rev: TTTCCTAAACAAATTAATCCCTTAATAT C (biot)	AGGTTTAGATATTTTTTTTAT	Pyro
<i>Dyx1c1</i>	for: TGC GCGATGCTGACGTATT rev: AGAAAGGCTATCCCACAGAACT		RT-qPCR
<i>HoxD9</i>	for: GCCACTACGGGATTAAGCCTG REV: GCGGAGCACTCAGTCCTTT		RT-qPCR
<i>HoxA9</i>	for: GGCCTTATGGCATTAAACCTGA rev: ACAAAGTGTGAGTGTCAAGCG		RT-qPCR
<i>HoxA10</i>	for: GGAAGCATGGACATTCAGGT rev: CCAGGCAAGCAAGACCTTAG		RT-qPCR
<i>Tnfrif2</i>	for: AGGAGGAGTCTGCGAAGAAGA rev: GGCAGTGGACCATCTAACTCG		RT-qPCR
<i>Pitx1</i>	for: ATCGTCCGACGCTGATCTG rev: GCTTGTGAAGTGAGTGCGTT		RT-qPCR
<i>β-actin</i>	for: CGTCGACAACGGCTCCGGCATG rev: CCACCATCACACCCTGGTGCCTAGG		RT-qPCRs