

logo

		ANTGGTTTNNTTNCNAANNGCCGGGGTCTNTTATAAAACCAAAAAACCTTTTTTTGCCCCCAAAAAAGAGGGGAAGGGAGNNTCCCGNAAGCACCTTTTCGGTNTGCCTCACCCAAAAA	
Father pri	.....	TTTTGNNGGTTCCAC....AAA	19
Father sec	.....	STSCTNNYYSCTWTYACA	18
Mother pri	.....		0
Mother sec	.....		0
Sister pri	ANTGGTTTNNTTNCNAANNGCCGGGGTCTNTTATAAAACCAAAAAACCTTTTTTTGCCCCCAAAAAAGAGGGGAAGGGAGNNTCCCGNAAGCACCTTTTCGGTNTGCCTCACCCAAAAA		120
Sister sec	...ANCMTGGNNRGNRNKSNNWTAMMWGTANMCCMYTCYWACCCAACCATCTTTTTTGCRCCTYTTTGGAAAAAAGAAAAAGANNMTTWNKAACSKCTACSCGYCNCYTGCCTRWACC		117
Brother pri	.....		0
Brother sec	.....		0
Proband pri	CCCTAAAAACGGAAGAGGCAAAAGGAAAAAGGAAACCCGCCCG	42
Proband sec	TTTMSSSSTAGCAGAAGTGGAAGAGGGSSCGYYYYTTTGGCA	41
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		AGAAAAAATTTTTTTTTTTTGGGGAAGCCCCANCN..ANCCTCTTCCTGGAN...GNNTTAAAAACGT...CCGCNTGGTTTCATTACAT.NCGGGGGGAGTGGTGGAGGTCAGNTC	
Father pri	.....	CCGCNTGGTTTCATTACAT.NCGGGGGGAGTGGTGGAGGTCAGNTC	130
Father sec	.....	TTNTAWWTTATGCTYCG.WCCGAAAA	127
Mother pri	.....	CCATNATGGTTTTCTAC..GAGGTCGGGGGGTGAGGNGAGCTNC	44
Mother sec	.....	GRSRNACWTSCCMWWC.YRYGGTTCGATYTCSCYTGTNAACN	43
Sister pri	AGAAAGAAGTATTTTTTTTTTGTGGGTAAACCCAAGCNCGACCTTCTACCAGAAGTGTCATAAAAGAAAGT...CCGANAGGTCTTCATTCCCGAGGTGAGTTCCGAGTG.CAGCCC		235
Sister sec	AAAAGCAATKTWTKRTTTTCTTGSGGTGWGAGGGARRGGAKNRGCWTMCTMACKTACSMTGANMAMYCCSYAC.SYCAAMANAGGTCTCCATC.KWTAAGTTTATTCAGACATCACTCR		235
Brother pri	.....		0
Brother sec	.....		0
Proband pri	AAGCATCCCCTATGGCTCCATAC.ACAAAGAGATNCTGAGTTTTTTTGTGTGGGTTAGCCGCATTCCCACCCCCCTGCCGTGAGCCACCTACTTTGCGCTAGGGTCTCATCGATTGACGT		161
Proband sec	GYCCCCSCTKGCCCGYATCCSMCCACAAAGSGATNAATGTTATTSGTCTGAGTTGGCWGCATTTCGCCGCTTACCTAACGTGCGCCACCGTACRTWCCTAGGGTCTCCTTAGCTGACGT		161
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		ATTCTTGATG.CAAATC..TAACACTACCTCCACC..CGCAGTCACACATTTCTATA.TCAGAGACAAGNTACAGGATGA.ACGAGCTCTATCAAACGGGCAAGCTTTCTGTCTCGGGAGA	
Father pri	.....	CTATCAAACGGGCAAGCTTTCTGTCTCGGGAGA	243
Father sec	.....	CTGGCACSCCCAGATGCATTCTGTCTCACTACA	243
Mother pri	TTTATGACGATGTCCAAAAAANTTCCC		154
Mother sec	GATTGTCKSKCYTWSWATTYTKTNCCWA		153
Sister pri	CTGGTGCATGGCAATTA..CATCAATAA		351
Sister sec	ATCGTTTCATGGC..CYRGACATWAAAAA		351
Brother pri	.....		0
Brother sec	.....		0
Proband pri	GCCGTGAGTAGTCATCATACAGAGCCATAGAAA		274
Proband sec	GWTGACTGTGTCATCAGATACATCCAA		274
RefSeq		0

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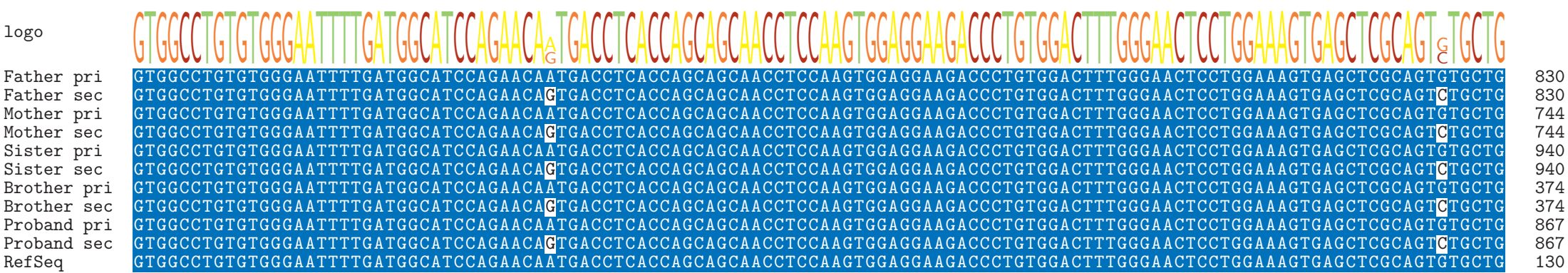
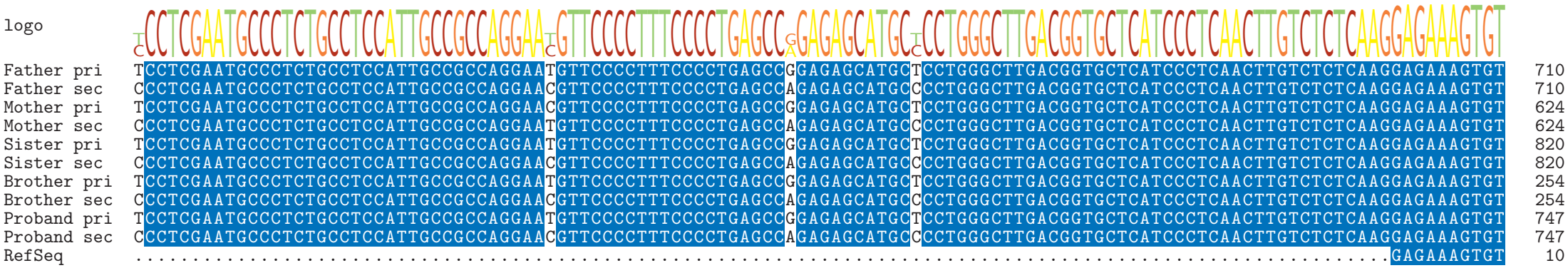
Father pri	AGGGGAAAGGCTACATGCTGCAAGCGATGCAGACAGCATTATGGGAGAAAGGGAGGAGCAGACAGTCAGTGAGAGATGCGTGA	GCAACC	AACCCAGCCCATCCACAAC	356
Father sec	AGAAGGAGAGCAACATGCTGCAGTGGATGCAGAGAGAGGGCGAGCGAGAGGAAGAAAGAGCCGCAGAGACAGACACAGACCTCACCGA	GTGAGA	AGGAATTGCTTGTGATTGG	356
Mother pri	GGGAAAGGGGATCTTTCTTGGCAGTCAATGGAGGCAGCGTTCATTCGAGAAAAAGAGGACGCGACGGACAATAATAGAGGGACGCCCCGAT	GTGGCC	AGCCAAGGCTATCCCCTAT	269
Mother sec	GWAAGGAAAMGAACATCGCTGTASGGKGCACGCAAAATGWWGGTKAGTGAGAGAGGTACAWGAGGWYAYRGASAYRATAGGGCCGAT	GCTCT	GCWARAACGACTGCCASTGWCTGT	269
Sister pri	MAYTGRCACGAGYKASCAGCGGTATCTCKYCTATTTAKKATCTGGTTKCGTGSTGATACTSNACTATGTCTCGTCGCTGACTGTGTGAT	GGGGATG	TTGTCCCTCTTTGT	464
Sister sec	ATTGCTGATAGCAACATGCCTGCAGAGATGCAGAGAGATGACGAACGAGAGGAAGGAAGAGAGCAGACACAGACACGAAGCCCAGYAGTGGGA	AGCAATTG	CTTGTGATAGG	464
Brother pri				0
Brother sec				0
Proband pri	GTAGAATAGGCAACATTCCAGCAGGCGATGCAGACAGCCTGCGTGGAGGAGGGGGAGGAGGAAACAGAGAGTGAGTGGAGGGAGGCGTGA	GTAAGA	AGCACTGCCTAGCGACAAC	388
Proband sec	GTAGGGTAAGCTACATGGCTGCAAGCGATGCAGACAGAAAGCGAGGAAGAGGAAGACGAGACAGACTGGAGGCCCCGACCGAGCAGCC	AGGCAAGC	CTATCGCCAGG	388
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Father pri	CCATATTCATTTCGTGACCTTCCTGGCTGCCCCCAATTTATATATAGGTATGCAAAACAGAGACGCCACATGTGCCCCGGGGGCA	GTATATGT	CACATGCACATGTCTCTCTTTGT	470
Father sec	CACGACCCATGAGCGTGCTTGCTTGTCTCGATTTTATTGATTGCAATCGATAGAAAGAGAGATGATWACCTGTCTTTGTGCGGT	CAC	TGTGAGATGGGGGTGTTGTGCTCTCTGT	470
Mother pri	TGAGAAATCATTCGGATTAATCAGGAGCTGCAACCAGAATGAAAATACCTATAGAAAAAGAGTGGTNACGATGTCCCTGGGGA	GTATATG	ACATGCGCATGTCGTCTCTCTGT	384
Mother sec	MAYTGRCACGAGYKASCAGCGGTATCTCKYCTATTTAKKATCTGGTTKCGTGSTGATACTSNACTATGTCTCGTCGCTGACTGTGTGAT	GGGGATG	TTGTCCCTCTTTGT	384
Sister pri	CCATATTCATTTCGTGACCTTCCTGGCTGCCCCCTATTTATAGATATGTATGCAAAACAGAGAGGCCTACATGTTCATTGAAGGGC	NTATATGT	CACAGGCACATGTCTCTCTTTGT	580
Sister sec	CACGACCCCTGAGCGTGCTTGCTTGTCTCGATTTTATTTGTTTCTATCGATAGAAAGAGAGACAACCTACATGTTCATTTAAGGTG	NACTGTG	AGATGTGGGTGTTGTGCTCTCTCTGT	580
Brother pri				14
Brother sec				14
Proband pri	CAAGACTCATTCGTGACCTTCCTGTCTGCACCCATCTTAGTTGATAGGCTATGAAACAGACGAGGATACACTGTGCCCATTTGGGGCGTA	TATGAC	ACAGGCGCGTGTGCTCTTTGT	507
Proband sec	CACTACCCATTAGCGTGCTTGCGTGTCTCCATCTAACTTAATTGCTAGGCAATCAAAKAGACGACGATACACTGTGCCAGTGGCGGGGACT	TGTGTGAT	TGTGGATAATTGTCTCTCTCTGT	507
RefSeq				0

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Father pri	TTCCATAGCTTTAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATGGGCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	590
Father sec	TTCCATAGCTTTCAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATAGGGCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	590
Mother pri	TTCCATAGCTTTAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATGGGTCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	504
Mother sec	TTCCATAGCTTTCAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATAGGTCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	504
Sister pri	TTCCATAGCTTTCAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATGGGTCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	700
Sister sec	TTCCATAGCTTTAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATAGGGCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	700
Brother pri	TTCCATAGCTTTAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATGGGTCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	134
Brother sec	TTCCATAGCTTTCAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATAGGTCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	134
Proband pri	TTCCATAGCTTTAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATGGGTCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	627
Proband sec	TTCCATAGCTTTCAAATAAAATGGGGCCAGCAAGGAAGCTCAGGAATAGGGCTTGGCAATGGCAAGGCTTTGCTGCTCACCTCGGGCCTCCTCTGAGTCTCTGTCCCGCTCCTCCTCTCT	627
RefSeq		0



ⓧ non conserved
ⓧ ≥ 50% conserved