

Additional file 1: Complex and simple repeats present in HADH2 genes

Specie	Intronic location	Repeat class	Repeat name	Percentage of intronic sequence (%)
human	intron 1	simple	(TAGA) _n	13.42
	intron 2	LINE SINE	L3 AluSx (2)	55.39
chimpanzee	intron 1	simple	(TAGA) _n	16.36
	intron 2	LINE SINE	L3 AluSx (2)	55.16
orangutan	intron 1	simple	(TAGA) _n	12.96
	intron 2	LINE SINE	L3 AluSx, AluSq	55.14
rhesus monkey	intron 1	simple	(TAGA) _n	23.09
	intron 2	LINE SINE	L3 AluSx (2)	53.83
		simple	(CAGGG) _n	
rat	intron 2	SINE	RSINE1, BC1MM	24.34
mouse	intron 2	SINE	ID4_, RSINE1	30.72
		simple	(G) _n , (CA) _n	
cat	intron 5	SINE	SINEC_Fc2	48.50
opossum	intron 5	SINE	MAR1, MIRb	53.80
		simple	(CCCCCA) _n , (TTGGGTTCCAGT) _n	
western clawed frog	intron 3	unknown	TE_ORF_98	21.43
		simple	(CACAG) _n	
zebrafish	intron 2	unknown	Dr000372, Dr000461, Dr000462, Dr000415, Dr000149, Dr000194	66.29
		DNA transposon	TDR18, HATN13_DR, HATN16_DR (2), ANGEL	
		low complexity simple	AT_rich (2) (TA) _n	
	intron 3	low complexity	AT_rich (3)	9.83
	intron 4	DNA transposon low complexity	ANGEL AT_rich	9.90
honeybee	intron 1	low complexity	AT_rich	97.77
	intron 2	low complexity simple	AT_rich (2) (TTA) _n , (TA) _n , (TTTA) _n	87.84
<i>C. elegans</i>	intron 2	DNA transposon	CELE1, CELE2 (2)	77.40
	intron 4	DNA transposon	CELE2	51.03

NOTE.— In the repeat name column, for repeats found more than once in the same intron, the number of times is indicated in parenthesis