

Supplemental Table 2.

Exon-Intron Boundaries of the Zebrafish* *slc4a3/ae3* Gene.

Exon			Intron			Exon		
#	Size: Z/M	3' Junction	5' Junction	#	Size: Z/M	3' Junction	5' Junction	#
1	Not found/>117				?/387	Unknown	GTGAAACAGT	2
2	>152/150	CTCAAGCCAG	gtaagaggtg	2	1512/311	tcgtttgacag	GTTTTGACAG	3
3	157/166	TTT GAG T 10-Phe Glu T	gtgagtactg	3	5710/545	gttttctcag	AT CAC CGG yr His Arg-14	4
4	248/278	CCA CAG 93-Pro Gln	gtaacctgaa	4	691/94	gatctcacag	CTC AGT Leu Ser-96	5
5	176/116	TCC AAC AG 151-Ser Asn Se	gtatttgact	5	5372/437	tgtttgacag	C TTT AGC r Phe Ser-155	6
6	221/197	ATG AAA A 225-Met Lys S	gtaagcaaag	6	20297/1438	tgactttaag	GT CAC CGC er His Arg-229	7
7	143/149	CAT GAG 273-His Glu	gtgagagctg	7	5481/102	tttactgcag	GTG TTT Val Phe-276	8
8	181/181	ACA CAC G 333-Thr His G	gtgagagttc	8	7978/311	tgttaccag	GT GCC ATA ly Ala Ile-337	9
9	136/136	AAA CAC AG 378-Lys His Se	gttagtgag	9	5872/254	ttaaaccag	T CAC CCC r His Pro-382	10
10	166/184	AAA GAG 434-Lys Glu	gtgttttag	10	5885/332	tccacaaaag	AAA AGC Lys Ser-437	11
11	103/100	TTA GTG G 468-Leu Val G	gtaagcttcg	11	168/370	gtgtttatag	GG TGT GTG ly Cys Val-472	12
12	185/185	GAT AAG 530-Asp Lys	gttgatatgc	12	8171/448	ctctctgcag	AAT TTC Asn Phe-533	13
13	223/226	ACC AAA G 604-Thr Lys A	gtgaaataca	13	934/142	tggtgcacag	AC GTC AAT sp Val Asn-608	14
14	219/219	TTA TTA G 677-Leu Leu G	GCaagtaaac	14	999/316	ttgtatatag	GT GAG AAG ly Glu Lys-681	15
15	149/149	TAT AAG 727-Tyr Lys	gtatttcttg	15	124/193	ttaatatcag	TTC TGC Phe Cys-730	16
16	195/195	ATT AAG 792-Ile Lys	gtacagattt	16	1288/240	ttttcctcag	GTG TTT Val Phe-795	17
17	201/219	GGA AAG 859-Gly Lys	gtgtttagtg	17	1043/269	attaccaaag	GTC AGA Val Arg-862	18
18	90/90	ACA CAG 889-Thr Gln	gtaaccacac	18	301/446	gtggttgacag	AAA CTG Lys Leu-892	19
19	167/167	ATC ACC AC 944-Ile Thr Th	gtgagtaagc	19	1163/618	tctttgacag	A TTG ATC r Leu Ile-948	20
20	254/254	CTA GTG G 1029-Leu Val G	gtaagaaaca	20	3669/274	ttctgtgcag	GG TTG TCT ly Leu Ser-1033	21
21	170/170	ACC AAG 1086-Thr Lys	gtaaactctt	21	1598/188	tgacacacag	GTG AAG Val Lys-1089	22
22	174/174	GCA GCC 1144-Ala Ala	gtaagttcgc	22	5390/972	tttcctgcag	TTG GAT Leu Asp-1147	23
23	>868	TATAGCACTCAGAACCAG						

* Exon and intron lengths compared to those of the mouse *Ae3* gene.