

Supplementary Table S1

total codons	Leu ^(CAA) and Tyr ^(GUA) codons	longest consecutive run of Leu ^(CAA) and Tyr ^(GUA) codons	WB gene	gene name	transcript name
343	11	5	WBGene00015492	lnp-1	C05E11.1.1
343	11	5	WBGene00015492	lnp-1	C05E11.1.2
115	10	5	WBGene00018463	F45E1.2	F45E1.2
90	22	4	WBGene00007233	C01G10.6	C01G10.6
76	15	4	WBGene00044658	C01G10.17	C01G10.17
73	14	4	WBGene00007231	C01G10.4	C01G10.4
506	26	4	WBGene00007210	agmo-1	BE10.2
314	17	4	WBGene00001566	acdh-13	C28C12.9b
618	28	4	WBGene00001566	acdh-13	C28C12.9a.1
300	12	4	WBGene00016538	C39F7.1	C39F7.1
618	28	4	WBGene00001566	acdh-13	C28C12.9a.2
647	34	4	WBGene00016456	C35E7.4	C35E7.4
597	28	4	WBGene00016271	C30G4.6	C30G4.6
347	20	4	WBGene00008128	srab-12	C47A10.6
1164	62	4	WBGene00018134	F37A4.4	F37A4.4
1148	35	4	WBGene00019148	H03E18.1	H03E18.1.1
435	16	4	WBGene00019370	K03H6.5	K03H6.5
1148	35	4	WBGene00019148	H03E18.1	H03E18.1.2
784	28	4	WBGene00019257	H32C10.3	H32C10.3
822	18	4	WBGene00011880	T21B6.3	T21B6.3
1264	54	4	WBGene00004001	pgp-7	T21E8.2
343	25	4	WBGene00005111	srd-33	T19H12.4

199	10	4	WBGene00004275	rab-11.2	W04G5.2a
882	35	4	WBGene00021233	Y19D10B.4	Y19D10B.4
230	6	4	WBGene00021891	Y54G2A.27	Y54G2A.27.2
187	14	4	WBGene00022655	srsx-40	ZK105.4
230	6	4	WBGene00021891	Y54G2A.27	Y54G2A.27.1