

Table S2. Partial vector hit location information for UA44 and BY250. All partial hits to UA44 did not include the α -synuclein gene.

Partial Potential Insertion Locations												
Line	Sequence		Location		Insertion			Blast Score Information				
	ID	Length	Start	Stop	Start	Stop	Length Inserted	Match %	Matches	Length	Gaps	Bit Score
UA44	IV	17.96 Mb	8782175	8784655	2439	4924	2485	99%	2480	2487	7	4547
			8779577	8780298	18	739	721	99%	721	722	0	1328
			(-) 8762877	8762158	18	739	721	99%	718	722	2	1310
			8781454	8782175	1239	1966	727	99%	721	728	6	1301
			(-) 8761004	8760434	1239	1808	569	97%	560	578	15	953
			(-) 8778290	8777842	4466	4924	458	98%	448	459	10	778
			8759283	8759579	4427	4747	320	98%	316	321	5	560
			(-) 8759770	8759589	4545	4729	184	96%	179	186	5	300
			8778733	8779300	18	662	644	76%	493	652	91	239
			13698698	13698890	1888	2078	190	83%	164	197	10	172
	I	15.37 Mb	(-) 15154594	15153371	1207	2432	1225	99%	1222	1227	4	2235
			(-) 15229897	15229764	2226	2360	134	82%	111	135		115
			(-) 3094739	3094677	2375	2432	57	86%	54	63	5	62.1
	III	14.02 Mb	9406356	9407072	23	739	716	100%	717	717	0	1325
	V	21.24 Mb	20767099	20767210	2330	2429	99	81%	91	112	12	80.5
BY250	I	15.37 Mb	(-) 11059035	11058951	48	132	84	100%	85	85	0	158