

**Supplementary Table 6:
Predicted *C. elegans* InDels LGIII**

(Validated FLP assays are shown in blue)

WormBase SNP	Position on Chromosome (nt)	Distance between InDels (nt)	Assay Name
uCE3-513	33731	-	
uCE3-514	33733	2	
uCE3-566	138432	104699	
snp_K10F12[1]	360475	222043	
snp_Y55B1BM[1]	416788	56313	ZH3-17a
snp_Y55B1BR[2]	439866	23078	
pkP737	447883	8017	
pkP5194	447886	3	
snp_F10C5[1]	480806	32920	
snp_F10C5[2]	480821	15	
uCE3-596	513501	32680	
uCE3-597	513527	26	
snp_T22F7[4]	527346	13819	
snp_T22F7[6]	542885	15539	
snp_B0353[1]	548853	5968	
pkP3082	593140	44287	
uCE3-604	596607	3467	
uCE3-612	617817	21210	
pkP5296	757704	139887	
snp_F42G9[1]	762554	4850	
uCE3-620	811729	49175	
snp_K02F3[1]	824859	13130	
uCE3-629	919876	95017	
uCE3-669	966881	47005	
snp_R06B10[1]	1002515	35634	
uCE3-684	1010023	7508	
snp_Y34F4[2]	1012306	2283	ZH3-25
pkP631	1021122	8816	
pkP5103	1021268	146	
snp_BE0003N10[7]	1059457	38189	
uCE3-693	1061377	1920	
uCE3-697	1149536	88159	
snp_Y92C3[2]	1169701	20165	
snp_Y119D3B[3]	1199822	30121	
snp_Y82E9BL[4]	1334582	134760	
snp_Y82E9BR[2]	1444255	109673	
snp_Y22D7AL[5]	1619936	175681	
uCE3-720	1623833	3897	
snp_Y22D7AL[7]	1664214	40381	
snp_Y22D7AL[8]	1664321	107	
snp_Y46E12[2]	1753859	89538	
snp_Y46E12[6]	1765177	11318	ZH3-06
uCE3-723	1765994	817	
uCE3-726	1800038	34044	
uCE3-727	1800361	323	
uCE3-728	1803786	3425	
snp_B0524[2]	1892903	89117	
uCE3-740	1924014	31111	
snp_F53A3[4]	1953982	29968	
uCE3-744	1954789	807	
snp_Y39A3B[1]	1991227	36438	
snp_M01E10[4]	2044589	53362	
uCE3-749	2071599	27010	
snp_Y48G9[1]	2091327	19728	
pkP5189	2119181	27854	
pkP5323	2119181	0	
pkP728	2121004	1823	
snp_Y54F10BM[9]	2328170	207166	ZH3-07
pkP3091	2356926	28756	
pkP3092	2357075	149	
uCE3-756	2419416	62341	
pkP5316	2432743	13327	
snp_E02H9[7]	2450932	18189	
uCE3-760	2453398	2466	
uCE3-763	2487617	34219	
snp_Y71H2B[3]	2599711	112094	
snp_Y71H2B[4]	2622862	23151	
snp_Y71H2B[6]	2622941	79	
uCE3-775	2655179	32238	
snp_Y71H2AL[2]	2683109	27930	
snp_Y71H2AL[3]	2686253	3144	
snp_Y71H2AM[1]	2705802	19549	
uCE3-790	2813200	107398	
snp_Y71H2AM[5]	2820248	7048	
snp_Y71H2AM[9]	2823416	3168	
snp_Y71H2AM[12]	2823857	441	
snp_Y71H2AM[14]	2823984	127	
uCE3-793	2888949	64965	
snp_F56F11[2]	2892486	3537	
snp_H05C05[3]	2945810	53324	

snp_H05C05[4]	2961628	15818	
snp_H05C05[5]	2961870	242	ZH3-08
pkP724	3057240	95370	
uCE3-809	3067442	10202	
snp_C44B11[1]	3144827	77385	
snp_C44B11[2]	3144993	166	
snp_C44B11[3]	3155107	10114	
snp_C44B11[5]	3164312	9205	
snp_H09G03[3]	3202404	38092	
uCE3-815	3226966	24562	
snp_Y53G8AL[1]	3242309	15343	
uCE3-823	3331238	88929	
uCE3-831	3418406	87168	
snp_K01A11[1]	3439224	20818	
snp_K01A11[2]	3439251	27	
snp_K01A11[3]	3441912	2661	ZH3-26
snp_M01F1[1]	3520032	78120	
snp_C54C6[1]	3548049	28017	
snp_C48D5[2]	3564730	16681	
snp_C48D5[7]	3567836	3106	
uCE3-836	3574926	7090	
uCE3-839	3640946	66020	
pkP698	3643575	2629	
pkP958	3752376	108801	
snp_ZK1058[1]	3912036	159660	
snp_ZK1058[2]	3923254	11218	
uCE3-848	3967322	44068	
uCE3-854	3992711	25389	
pkP753	4073230	80519	
snp_R10E4[2]	4279671	206441	
snp_H38K22[1]	4305611	25940	ZH3-28
uCE3-864	4347365	41754	
pkP524	4658420	311055	
uCE3-871	4685358	26938	
pkP689	4689683	4325	
snp_T04A8[1]	4704742	15059	
uCE3-874	4708950	4208	
uCE3-879	4791474	82524	
snp_F26A1[2]	4822073	30599	ZH3-15
snp_C26E6[2]	4940855	118782	
uCE3-886	5013120	72265	
snp_K10D2[2]	5188550	175430	
snp_T15B12[1]	5292947	104397	
pkP783	5376075	83128	
pkP936	5376085	10	
uCE3-897	5382008	5923	
pkP5161	5473519	91511	
uCE3-906	5479497	5978	
snp_C05D2[1]	5618848	139351	
snp_C05D2[2]	5619288	440	
snp_F54E7[4]	5666140	46852	
uCE3-924	5685784	19644	
uCE3-925	5695323	9539	
uCE3-927	5706403	11080	
snp_B0336[6]	5726718	20315	ZH3-04
pkP5176	5846472	119754	
snp_F25B5[1]	5949546	103074	
uCE3-943	5978772	29226	
snp_T04C9[2]	5988608	9836	
uCE3-948	6144499	155891	
uCE3-949	6195419	50920	
snp_T12A2[1]	6233130	37711	
uCE3-950	6305028	71898	
snp_C56G2[2]	6354331	49303	
pkP601	6361299	6968	
snp_C16A3[2]	6399865	38566	
snp_C09E7[1]	6539546	139681	
pkP625	6585061	45515	
pkP721	6647336	62275	
snp_M01G4[1]	6670564	23228	
uCE3-958	6689451	18887	
snp_F37A4[1]	6690436	985	
snp_F37A4[2]	6690447	11	
snp_F37A4[4]	6709451	19004	
uCE3-977	6951778	242327	
snp_F11H8[2]	7033995	82217	
pkP3103	7130638	96643	
pkP598	7210641	80003	
snp_T21D11[2]	7260267	49626	ZH3-02
uCE3-1001	7272182	11915	
snp_B0361[2]	7289916	17734	
snp_B0361[6]	7299400	9484	
uCE3-1013	7387427	88027	
uCE3-1027	7712930	325503	
snp_ZK686[3]	7772487	59557	ZH3-05a
snp_ZK686[6]	7772951	464	
snp_C27D11[3]	7821076	48125	
uCE3-1041	7822731	1655	
uCE3-1043	7828937	6206	
snp_ZK688[3]	7909137	80200	
uCE3-1052	7949925	40788	

uCE3-1054	7952087	2162	
snp_C30A5[1]	8214538	262451	
uCE3-1063	8272321	57783	
uCE3-1066	8324717	52396	
snp_C04D8[3]	8505942	181225	
snp_C04D8[5]	8512789	6847	
snp_F22B7[1]	8641925	129136	
uCE3-1081	8643040	1115	
snp_F22B7[1]	8691426	48386	ZH3-32
uCE3-1085	8692042	616	
snp_F44E2[1]	8846515	154473	
snp_K01F9[1]	8880095	33580	
snp_ZK637[1]	8904225	24130	
snp_ZK637[2]	8904472	247	
snp_ZK643[1]	8935374	30902	
snp_ZK643[3]	8959874	24500	
snp_ZK643[3]	8959874	0	
snp_ZK643[4]	8960287	413	
snp_F59B2[1]	9021169	60882	ZH3-35
uCE3-1095	9242561	221392	
uCE3-1100	9281086	38525	
snp_C40H1[3]	9328240	47154	
uCE3-1102	9343296	15056	
snp_F55H2[1]	9519920	176624	
snp_ZK1098[2]	9547167	27247	
snp_F58A4[1]	9622150	74983	
snp_C15H7[2]	9639394	17244	
uCE3-1115	9699809	60415	
snp_K11H3[2]	9853498	153689	
snp_K03H1[1]	9947496	93998	
uCE3-1131	10031240	83744	
snp_T16G12[2]	10054064	22824	ZH3-10a
uCE3-1135	10091061	36997	
uCE3-1137	10100786	9725	
uCE3-1139	10100852	66	
uCE3-1141	10101059	207	
uCE3-1144	10106220	5161	
snp_T20G5[1]	10188944	82724	
uCE3-1145	10213724	24780	
pkP921	10232742	19018	
pkP555	10232743	1	
snp_T07A5[2]	10316663	83920	
uCE3-1167	10514375	197712	
uCE3-1170	10522339	7964	
snp_T21C12[6]	10541589	19250	
snp_Y39A1[8]	10648550	106961	
uCE3-1184	10649315	765	
uCE3-1188	10658999	9684	
snp_W09D10[3]	10712445	53446	ZH3-23
uCE3-1199	10818078	105633	
uCE3-1203	10866843	48765	
snp_C44B9[1]	10885472	18629	
uCE3-1211	11046648	161176	
uCE3-1213	11079968	33320	
snp_W09D6[1]	11080292	324	
snp_Y47D3[9]	11200270	119978	
snp_Y47D3[12]	11211671	11401	
snp_Y47D3[16]	11249254	37583	
snp_Y47D3[19]	11262469	13215	
uCE3-1227	11291573	29104	
snp_Y47D3[20]	11335629	44056	
snp_Y47D3B[1]	11398988	63359	
snp_Y47D3B[3]	11399237	249	ZH3-11
snp_Y47D3B[9]	11413561	14324	
snp_Y47D3B[11]	11427189	13628	
snp_Y47D3B[14]	11439774	12585	
snp_Y47D3B[17]	11443790	4016	
snp_Y47D3B[23]	11465650	21860	
uCE3-1238	11473559	7909	
snp_Y66A7AL[1]	11473572	13	
snp_Y66A7AL[3]	11473778	206	
uCE3-1243	11527317	53539	
snp_Y66D12[5]	11591915	64598	
snp_Y66D12[6]	11591927	12	
uCE3-1249	11614812	22885	
snp_Y66A7AR[1]	11616400	1588	
snp_Y66A7AR[4]	11622027	5627	
snp_Y41C4[1]	11647111	25084	
snp_Y41C4[3]	11678036	30925	
snp_Y41C4[6]	11684500	6464	
snp_Y41C4[7]	11684614	114	
snp_Y41C4[12]	11745100	60486	
snp_Y41C4[14]	11766672	21572	
pkP5180	11782040	15368	
uCE3-1267	11801402	19362	
uCE3-1268	11809018	7616	
uCE3-1271	11810432	1414	
uCE3-1276	11819615	9183	
uCE3-1278	11825534	5919	
snp_Y56A3[1]	11834656	9122	
snp_Y56A3[2]	11834816	160	

snp_Y56A3[4]	11834893	77	
snp_Y56A3[5]	11834977	84	
uCE3-1295	11938100	103123	
pkP678	11960300	22200	
snp_Y56A3[16]	11961081	781	ZH3-12
pkP577	12239191	278110	
snp_Y75B8[10]	12302315	63124	
pkP674	12328072	25757	
pkP691	12328073	1	
snp_Y49E10[1]	12373466	45393	
uCE3-1326	12375191	1725	
uCE3-1327	12375239	48	
uCE3-1330	12375449	210	
snp_Y49E10[6]	12383864	8415	
snp_Y49E10[16]	12472865	89001	
snp_Y111B2[3]	12496414	23549	
snp_Y111B2[5]	12514734	18320	
snp_Y111B2[6]	12514745	11	
snp_Y111B2[4]	12514802	57	
snp_Y111B2[7]	12528166	13364	ZH3-13
snp_Y111B2[8]	12528219	53	
snp_Y111B2[11]	12540909	12690	
snp_Y111B2[12]	12583536	42627	
snp_Y111B2[15]	12583675	139	
snp_Y111B2[24]	12607719	24044	
uCE3-1346	12608492	773	
snp_Y111B2[25]	12617233	8741	
uCE3-1357	12690132	72899	
uCE3-1359	12690342	210	
uCE3-1361	12714346	24004	
snp_BE10[6]	12815920	101574	
pkP516	12865040	49120	
pkP5003	12866649	1609	
snp_Y37D8[2]	12889026	22377	
snp_Y37D8[3]	12889036	10	
snp_Y39E4[3]	12952845	63809	
snp_Y39E4[7]	12964685	11840	
snp_Y39E4[8]	12967380	2695	
snp_Y39E4[9]	12967490	110	
pkP5191	12983325	15835	
snp_ZK1010[1]	13008996	25671	
snp_ZK1010[2]	13008998	2	
snp_F14F7[3]	13020591	11593	
snp_F14F7[5]	13020750	159	
snp_F14F7[9]	13030895	10145	
snp_F14F7[10]	13031201	306	
pkP5185	13052990	21789	
pkP679	13052991	1	
pkP5011	13054631	1640	
pkP510	13054634	3	
snp_F54F12[8]	13058806	4172	
uCE3-1391	13106958	48152	
pkP774	13230714	123756	
snp_F56A8[2]	13253152	22438	
snp_F56A8[3]	13277823	24671	
snp_T03F6[2]	13363592	85769	
uCE3-1401	13515833	152241	
uCE3-1412	13591099	75266	
snp_ZK525[1]	13661021	69922	
snp_ZK525[2]	13662035	1014	
uCE3-1419	13668790	6755	
pkP755	13699628	30838	
snp_W06F12[1]	13730985	31357	
snp_W06F12[2]	13730987	2	
snp_W06F12[3]	13731298	311	