

elment	fam	chrom	start	stop	tsd	full_tail	full_tail_len	perf_tail_len	Atail+unique	3' unique	A_frac	T_frac	C_frac	G_frac
aluya5		1	11057905	11061499	GAAACAGGGTC	AAAAAAAAAAAA	11	11	168	157	1.00	0.00	0.00	0.00
aluya5		1	47849594	47853208	AAAAAGGGGG	AAAAAAAAAAAAACAAAAACAAAACAAAAA	35	10	49	14	0.89	0.00	0.11	0.00
aluya5		1	62104358	62107930	AAAAATGTTA	AAAAAAGAAAAAAAAAAAAAAAAAAAAA	27	6	106	79	0.96	0.00	0.00	0.04
aluya5		1	110799185	110802822	AAAAGACTGTCCTGGGC	AA	57	57	180	123	1.00	0.00	0.00	0.00
aluya5		1	160522879	160526488	GAAAAGT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	23	23	428	405	1.00	0.00	0.00	0.00
aluya5		1	167018891	167022493	AAGAGATGGGG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	22	22	48	26	1.00	0.00	0.00	0.00
aluya5		1	206543997	206547599	AAAAGGGGCTT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	22	22	220	198	1.00	0.00	0.00	0.00
aluya5		1	234111045	234114643	AAAAAATTAGCTGGGC	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	18	18	198	180	1.00	0.00	0.00	0.00
aluya5		2	17414432	17418034	AAAAAAGAAAGAGA	AAAAAAAAAA	9	9	110	101	1.00	0.00	0.00	0.00
aluya5		2	28113663	28117270	AAGAATTCAGTTTTTC	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	24	24	37	13	1.00	0.00	0.00	0.00
aluya5		2	34884953	34888487	AAAAGGGTAAGTT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	30	30	66	36	1.00	0.00	0.00	0.00
aluya5		2	77186210	77189782	AAGAATGTTTTGT	AAAAAAAAGAAAAAAAAAAAAAAAAA	23	9	134	111	0.96	0.00	0.00	0.04
aluya5		2	82190978	82194576	AAAAACTGTAAAATA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	39	39	146	107	1.00	0.00	0.00	0.00
aluya5		2	88378947	88382557	AAGAAAGTAGGTCTC	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAGAAA	35	31	279	244	0.97	0.00	0.00	0.03
aluya5		2	117051107	117054714	AAACCAGGTAC	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	26	26	111	85	1.00	0.00	0.00	0.00
aluya5		2	134173743	134177342	AGAAAAAGAGACGA	AAAAAAAAAAAAAGAAAAA	19	13	252	233	0.95	0.00	0.00	0.05
aluya5		2	165912218	165915824	AAGAAAACAGTTCA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	26	26	171	145	1.00	0.00	0.00	0.00
aluya5		2	190526135	190529739	GAAAAATATACTAGTA	AAAAAAAAAAGAAAAAAAAAAAA	19	10	100	81	0.95	0.00	0.00	0.05
aluya5		2	208615588	208619196	AAAAAAATAAAGGAAAT	AAAAAAAAAAAAATAAAATAAAAA	24	12	237	213	0.92	0.08	0.00	0.00
aluya5		2	213957401	213961022	AAAAGAGCATGCAT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	29	29	116	87	1.00	0.00	0.00	0.00
aluya5		2	225522554	225526152	AAACATAACATA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	18	18	106	88	1.00	0.00	0.00	0.00
aluya5		2	236058937	236062544	AAAAATCA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	27	27	767	740	1.00	0.00	0.00	0.00
aluya5		3	11284906	11288506	AGAAAGGATTACTGCA	AAAAAAAAAAAAAAAAAAAA	15	15	269	254	1.00	0.00	0.00	0.00
aluya5		3	17923258	17926867	AAGAAGTATGGTGTC	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	26	26	168	142	1.00	0.00	0.00	0.00
aluya5		3	32667781	32671393	AGAACAGCCTGG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	25	25	76	51	1.00	0.00	0.00	0.00
aluya5		3	41497741	41501350	AAGAACAAAAGCATTCCCT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	21	21	41	20	1.00	0.00	0.00	0.00
aluya5		3	48935063	48938659	AAAAGTCAAAC	AAAAAAAAAAAAAA	12	12	240	228	1.00	0.00	0.00	0.00
aluya5		3	59085800	59089409	AAAATTGAAATATGA	AAAAAAAAAAAAAAAAAAAAAAGAAAAAAAAAAAAAAAAAAAAA	42	23	95	53	0.98	0.00	0.00	0.02
aluya5		3	68742151	68745760	AAGAAGCACTAG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	26	26	44	18	1.00	0.00	0.00	0.00
aluya5		3	75195962	75199568	AAGAAATGAGATAG	AAAAAAAAAAAAAAAAAAAAAA	20	20	1424	1404	1.00	0.00	0.00	0.00
aluya5		3	89348538	89352141	AAACATTGCC	AAAAAAAAAAAAAACAAAAAACAAAAAAAAAAAAAA	38	16	194	156	0.95	0.00	0.05	0.00
aluya5		3	103133331	103136940	AGAAGTGCTTAGATTTTC	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	29	29	67	38	1.00	0.00	0.00	0.00
aluya5		3	122702615	122706226	AAGAAATG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	28	28	485	457	1.00	0.00	0.00	0.00
aluya5		3	128481885	128485487	AAGAGAGG	AAAAAAAAAAAAAAAAAAAAAA	22	22	168	146	1.00	0.00	0.00	0.00
aluya5		3	133342988	133346603	AAAGACTTAAACGT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	33	33	263	230	1.00	0.00	0.00	0.00
aluya5		3	141872793	141876414	AAAGAAATAAAATACG	AAAAAAAAAAAAAAAGAAAAAAAAAAAA	30	19	857	827	0.97	0.00	0.00	0.03
aluya5		3	151069501	151073096	AAAAAGTTCACATATT	AGAAAAAAAAAAAAAA	14	1	197	183	0.93	0.00	0.00	0.07
aluya5		3	157595447	157599056	AAAATCAGACATTGTTA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	41	41	94	53	1.00	0.00	0.00	0.00
aluya5		3	162565909	162569507	AGAAGGTAAGATTAGG	AAAAAAAAAAAAAA	15	15	191	176	1.00	0.00	0.00	0.00
aluya5		3	171587824	171591442	AAGAATAATGC	AAAAAAAAAAAAAAAAAAAAAA	24	24	86	62	1.00	0.00	0.00	0.00
aluya5		3	175501126	175504735	AAAAGAAAAATCAG	AAAAAAAAAAAAAAAAAAAAAA	26	26	132	106	1.00	0.00	0.00	0.00
aluya5		3	182972916	182976515	AATAATGATATGAAGTCT	AAAAAAAAAAAAAAATAATAATAATAATAATA	41	20	147	106	0.83	0.17	0.00	0.00
aluya5		3	189516233	189519839	AAAGAATCATAATTTTT	AAAAAAAAAAAAAAAAAAAAAA	23	23	38	15	1.00	0.00	0.00	0.00
aluya5		3	193911997	193915600	AAAAATTATTTCCCTT	AAAAAAAAAAAAAAAAAAAAAA	23	23	108	85	1.00	0.00	0.00	0.00
aluya5		4	36133082	36136659	AAAGAAAATTGT	AAAAGAAAAAAAAAAAAAAAGAAAA	27	4	52	25	0.93	0.00	0.00	0.07
aluya5		4	101967970	101971582	AGAATGTTTTTGTC	AAAAAAAAAAAAAAAAAAAAAA	28	28	116	88	1.00	0.00	0.00	0.00
aluya5		4	107636250	107639845	AAGAAGAGCATTTT	AAAAAAAAAAAAAAAAAAAAAAAGAA	33	30	352	319	0.97	0.00	0.00	0.03
aluya5		4	122664676	122668285	AACTAGCAACCATTT	AAAAAAAAAAAAAAATACAAAAAA	31	22	224	193	0.94	0.03	0.03	0.00
aluya5		4	146664827	146668424	AGAATTAATGAGAATAG	AAAAAAAAAAAAAA	14	14	99	85	1.00	0.00	0.00	0.00
aluya5		4	175452897	175456500	AAAAATCAT	AAAAAAAAAAAAAA	23	23	100	77	1.00	0.00	0.00	0.00
aluya5		4	181783430	181787036	AAGAAGACACAG	AAAAAAAAAAAAAA	22	22	57	35	1.00	0.00	0.00	0.00
aluya5		5	8485333	8488942	AGAATAATTATAGCAACAG	AAAAAAAAAAAAAA	26	26	105	79	1.00	0.00	0.00	0.00
aluya5		5	20478494	20482097	AAAAGTATATCTTG	ACAAAAAAAAAAAAAA	24	1	38	14	0.96	0.00	0.04	0.00
aluya5		5	26146660	26150269	AAAACAATACATTACTG	AAAAAAAAAAAAAA	33	33	103	70	1.00	0.00	0.00	0.00
aluya5		5	35223919	35227528	GAAAAATAACATCTG	AAAAAAAAAAAAAA	40	40	103	63	1.00	0.00	0.00	0.00
aluya5		5	49521772	49525368	AAAAGAGCTCCAA	AAAAAAAAAAAAAA	16	16	134	118	1.00	0.00	0.00	0.00
aluya5		5	56577004	56580606	AAAAAATAG	AAAAAAAAAAAAAA	26	26	377	351	1.00	0.00	0.00	0.00
aluya5		5	72513488	72517030	AAAACAACAGACAT	AAAAAACAAAAAAACAAAACAAAACAAAAAA	39	6	210	171	0.90	0.00	0.10	0.00
aluya5		5	78518293	78521902	AAAAATACAAAAATTGG	AAAAAAAAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA	60	13	364	304	0.87	0.13	0.00	0.00
aluya5		5	89734863	89738472	AAAAATCACAAATTTT	AAAAGAAAAAAAAAAAAAA	30	4	38	8	0.97	0.00	0.00	0.03
aluya5		5	100416987	100420580	AGAAAAAATGCTTGA	AAAAAAAAAAAAAAAGAAAAAA	31	23	96	65	0.97	0.00	0.00	0.03
aluya5		5	108727642	108731241	AAAAATTTCAGTGTC	AAAAAAAAAAAAAA	19	19	135	116	1.00	0.00	0.00	0.00
aluya5		5	117050181	117053787	AAAAATAAACTCATGATT	AAAAAAAAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA	43	15	333	290	0.88	0.09	0.02	0.00
aluya5		5	124815682	124819286	AAAAAGAAATTCC	AAAAAAAAAAAAAA	20	20	123	103	1.00	0.00	0.00	0.00
aluya5		5	145559255	145562850	AATCT	AAAAAAAAAAAAAA	18	18	50	32	1.00	0.00	0.00	0.00

aluya5	5	168674818	168678340	AAAAATGTTCCCTGAC	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	27	27	100	73	1.00	0.00	0.00	0.00
aluya5	5	176318742	176322344	AAAAAAATTATTG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	22	22	440	418	1.00	0.00	0.00	0.00
aluya5	6	17374626	17378232	AAAGACAGCAGTG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	26	26	562	536	1.00	0.00	0.00	0.00
aluya5	6	24395190	24398799	AAGAAGAGCTCT	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	40	40	112	72	1.00	0.00	0.00	0.00
aluya5	6	41199376	41202951	AAGAAATCAGTGGTA	AAAAAAAAAAAAAAAAAAAA	14	14	53	39	1.00	0.00	0.00	0.00
aluya5	6	52832415	52836011	AATGTTGAATATT	AAAAAAAAAAAAAAAAAAAA	17	17	152	135	1.00	0.00	0.00	0.00
aluya5	6	56684267	56687863	AAAAATAGGAGGAGGT	AAAAAAAAAAAAAAAAAAAA	16	16	43	27	1.00	0.00	0.00	0.00
aluya5	6	77893009	77896615	AAAAAAAAAAAAAACC	AAAAAAAAAAAAAAAAAAAA	26	26	1868	1842	1.00	0.00	0.00	0.00
aluya5	6	85322418	85326032	AAGAAGGTGTTAGAC	AAAAAAAAAAAAAAAAAAAA	24	24	266	242	1.00	0.00	0.00	0.00
aluya5	6	93961106	93964711	ATAAAAAAAATCTTTA	AAAAAAAAAATAAAAA	16	10	38	22	0.94	0.06	0.00	0.00
aluya5	6	104289589	104293198	AAGAAAGAAATTCAG	AAAAAAAAAAAAAAAAAAAA	36	36	521	485	1.00	0.00	0.00	0.00
aluya5	6	108661276	108664883	ATAATATAGGTGGAA	AAAAAAAAAAAAAAAAAAAAATAATAATAA	35	23	59	24	0.89	0.11	0.00	0.00
aluya5	6	115730945	115734549	AAAAATATTTTTTTGTG	AAAAAAAAAAAAAAAAAAAA	23	23	33	10	1.00	0.00	0.00	0.00
aluya5	6	122340354	122343962	GAAAAATGGACATACT	AAAAAAAAAAAAAAAAAAAA	22	22	127	105	1.00	0.00	0.00	0.00
aluya5	6	129775776	129779377	AAAGAAAAGTGATAATTTT	AAAAAAAAAAAAAAAAAAGAAAGAAA	29	21	106	77	0.93	0.00	0.00	0.07
aluya5	6	135627530	135631066	AAGACATGCCCAGGAGG	AAAAAAAAAAAAAAAAAAAA	20	20	73	53	1.00	0.00	0.00	0.00
aluya5	6	142420164	142423753	AAGAAAAATGTTCTGG	AAAAAAAAAAAAAAAAAAAA	23	23	279	256	1.00	0.00	0.00	0.00
aluya5	6	157874840	157878436	AAAAAGATAGATGGA	AAAAAAAAAAAAAAAAAAAA	17	17	92	75	1.00	0.00	0.00	0.00
aluya5	7	43435257	43438862	AAAAAATAAACCACT	AAAAAAAAAAAAAGAAATAAAA	21	12	1587	1566	0.90	0.05	0.00	0.05
aluya5	7	49519621	49523229	AGACAGTAGA	AAAAAAAAAAAAAAAAAAAA	24	24	158	134	1.00	0.00	0.00	0.00
aluya5	7	64282141	64285744	AAAAAATAAGCACTTGTG	AAAAAAAAAAAAAAAAAAAA	23	23	585	562	1.00	0.00	0.00	0.00
aluya5	7	73686581	73690186	AAAAAAGAAAAATTT	AAAAAAAAAAAAAG	12	11	32	20	0.92	0.00	0.00	0.08
aluya5	7	81563691	81567300	AAGAAGGTATTGC	AAAAAAAAAAAAAAAAAAAA	45	45	65	20	1.00	0.00	0.00	0.00
aluya5	7	90062955	90066553	AAAAATCCTTAGATA	AAAAAAAAAAAAAAAAAAAA	18	18	61	43	1.00	0.00	0.00	0.00
aluya5	7	104091196	104094807	AAAAAAAAGAATGA	AAAAAAAAAAAAAAAAAAAA	27	27	48	21	1.00	0.00	0.00	0.00
aluya5	7	116626252	116629851	AAGATAGCTTCGA	AAAAAAAAAAAAAAAAAAAA	17	17	637	620	1.00	0.00	0.00	0.00
aluya5	7	130368403	130372017	AAAGATATTTCTT	AAAAAAAAAAAAAAAAAAAA	41	41	201	160	1.00	0.00	0.00	0.00
aluya5	7	148446108	148449719	AAAAAAAAAAAAAAGG	AAAAAAAAAAAAAAAAAAAA	32	32	77	45	1.00	0.00	0.00	0.00
aluya5	8	14048205	14051772	AAAAATAATACTACA	AAAAAATAAAAAATAAAAAATAATAAT	28	6	56	28	0.82	0.18	0.00	0.00
aluya5	8	25032503	25036114	AAAGAAATGATGATGC	AAAAAAAAAAAAAAAAAAAAAGAAAAAAA	32	24	175	143	0.97	0.00	0.00	0.03
aluya5	8	31554811	31558418	AAGATGTCAATTTTG	AAAAAAAAAAAAAAAAAAAA	27	27	40	13	1.00	0.00	0.00	0.00
aluya5	8	41725130	41728722	ATTTGTTGAATGA	AAAAAAAAAAAAAA	13	13	111	98	1.00	0.00	0.00	0.00
aluya5	8	64304435	64307969	AAAGGAAGAC	AAAAAAAAAAAAAAAAAAGAAAAAAGAAAAAGAAA	37	19	253	216	0.92	0.00	0.00	0.08
aluya5	8	75503261	75506870	AAAGAAATTTTGA	AAAAAATAAATAAATAAATAAATAAATAAGAAA	33	6	39	6	0.79	0.18	0.00	0.03
aluya5	8	92219047	92222656	AAAAATCACATATTGA	AAAAAAAAAAAAAAAAAAAA	32	32	137	105	1.00	0.00	0.00	0.00
aluya5	8	99425716	99429325	AGAAAATATGGGACCCCTC	AAAAAAAAAAAAAAAAAAAA	26	26	164	138	1.00	0.00	0.00	0.00
aluya5	8	123258859	123262432	AAGAAACCCCTGTCCC	AAAAAAAAAAAAAAAAAAAA	25	25	190	165	1.00	0.00	0.00	0.00
aluya5	8	134828876	134832488	AAGAATTTTAGA	AAAAAAAAAAAAAAAAAAAA	26	26	32	6	1.00	0.00	0.00	0.00
aluya5	9	16892613	16896222	AAAGAATTA	AAAAAAAAAAAAATAAATAAAATAAAAAATAAATAAAAAAA	43	12	567	524	0.88	0.12	0.00	0.00
aluya5	9	24343434	24347037	AAGATTAGACTGCCCT	AAAAAAAAAAAAAAAAAAAA	23	23	51	28	1.00	0.00	0.00	0.00
aluya5	9	39296142	39299750	AAGAAATGCCTGCTC	AAAAAAAAAAAAAAAAAAAA	25	25	866	841	1.00	0.00	0.00	0.00
aluya5	9	41768836	41772435	AATGGCTTTCT	AAAAAAAAAAAAAAAAAAAA	19	19	40	21	1.00	0.00	0.00	0.00
aluya5	9	97835875	97839468	AATAATTAAAAAAATGG	AAAAAAAAAAAAATAAATAAAAAATAATAATAATAATAA	39	11	629	590	0.79	0.21	0.00	0.00
aluya5	9	124315401	124319002	AAAGACCATGTATG	AAAAAAAAAAAAAAAAAAAA	21	21	159	138	1.00	0.00	0.00	0.00
aluya5	9	135400934	135404546	AAGAAGGAAACTGTG	AAAAAAAAAAAAAAAAAAAA	27	27	542	515	1.00	0.00	0.00	0.00
aluya5	10	12611278	12614883	GAAAAATAAAAGATA	AAAAAAAAAAAAAA	14	14	72	58	1.00	0.00	0.00	0.00
aluya5	10	22102495	22106094	AAAGATGTATAAAG	AAAAAAAAAAAAAAAAAAAA	19	19	59	40	1.00	0.00	0.00	0.00
aluya5	10	32350081	32353687	AAGAGTTCTTC	AAAAAAAAAAAAAAAAAAAA	26	26	46	20	1.00	0.00	0.00	0.00
aluya5	10	52894076	52897676	AAGATAAGATCAG	AAAAAAAAAAAAAAAAAAAA	20	20	80	60	1.00	0.00	0.00	0.00
aluya5	10	58966414	58970021	GAAAGTACTTTAGG	AAAAAAAAAAAAAAAAAAAA	23	23	193	170	1.00	0.00	0.00	0.00
aluya5	10	66521626	66525237	AAGAAATGTGGCACATA	AAAAAAAAAAAAAAAAAAAA	25	25	785	760	1.00	0.00	0.00	0.00
aluya5	10	74465387	74468989	AAAAAGCAAATAAA	AAAAAAAAAAAAAAAAAAAA	22	22	85	63	1.00	0.00	0.00	0.00
aluya5	10	86638043	86641649	AAGAAATCTA	AAAAAAAAAAAAAAAAAAAA	22	22	179	157	1.00	0.00	0.00	0.00
aluya5	10	96567179	96570783	AAATCTTT	AAAAAAAAAAAAAAAAAAAA	24	24	53	29	1.00	0.00	0.00	0.00
aluya5	10	113702370	113705978	AGAATATCATGGTAGA	AAAAAAAAAAAAAAAAAAAA	28	28	237	209	1.00	0.00	0.00	0.00
aluya5	10	123476176	123479784	AAATCTTC	AAAAAAAAAAAAAAAAAAAA	28	28	893	865	1.00	0.00	0.00	0.00
aluya5	11	19288976	19292522	GAAAAATGTTTCT	AAA	3	3	54	51	1.00	0.00	0.00	0.00
aluya5	11	29978361	29981957	AAAAAATCCTTACATG	AAAAAAAAAAAAAA	17	17	59	42	1.00	0.00	0.00	0.00
aluya5	11	38055880	38059490	AGAAAAATTGATCTTGAATTTTTTTTG	AAAAAAAAAAAAAAAAAAAA	23	23	42	19	1.00	0.00	0.00	0.00
aluya5	11	45169715	45173324	AAAAAGAAGATAATAACT	AAAAAAAAAAAAAAAAAAAAACA	26	24	232	206	0.96	0.00	0.04	0.00
aluya5	11	57749973	57753579	AAAGAAATAAAGC	AAAAAGAAAAAA	14	5	68	54	0.93	0.00	0.00	0.07
aluya5	11	70939813	70943420	AAAAAAGCAGAAAAACA	AAAAAAAAAAAAAAAAAAAA	27	27	49	22	1.00	0.00	0.00	0.00
aluya5	11	77077927	77081536	AAAAAATTTAAAGTAGT	AAAAAAAAAAAAAAAAAAAA	29	29	52	23	1.00	0.00	0.00	0.00
aluya5	11	82268182	82271784	AAGAACTGGCTC	AAAAAAAAAAAAAA	19	19	195	176	1.00	0.00	0.00	0.00
aluya5	11	87720061	87723596	GAAATACACTAACACTG	AAAAAAAAAAAAAA	17	17	180	163	1.00	0.00	0.00	0.00
aluya5	11	95329928	95333537	AAGAAATGGCA	AAAAAAAAAAAAAAAAAAAA	34	34	489	455	1.00	0.00	0.00	0.00

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aluya5	X	142946824	142950432	AAGAAAATCCATCAT	AAAAAAAAAAAAAAAAAAAAA	23	23	319	296	1.00	0.00	0.00	0.00
aluya5	Y	16349486	16353084	AAAAAGTGAATTTTTA	AAAAAAAAAAAAAAAAAAAAA	18	18	36	18	1.00	0.00	0.00	0.00
aluya5	Y	26112180	26115789	GAGAAATGTC	AAAAAAAAAAAAAAAAAAGAAAA	24	18	57	33	0.96	0.00	0.00	0.04

subfamily	chrom.	start	stop	tsd	full_tail	full_tail	len	perf	tail	len	unique+tail	3' unique	A frac	T frac	C frac	G frac
alusx	1	5147563	5151153	AATGCATTTG	AAAAAAAAAAAAAAAAAAGACAAAACAAAACAAAAACCCAAAAAACAAACAAAGAAAATA		63		20	241	178	0.83	0.02	0.13	0.03	
alusx	1	7109603	7113185	AAGAAGGTAGAT	ACACACACACACACACACACACACACACACACACACAAAA		38		1	224	186	0.55	0.00	0.45	0.00	
alusx	1	8884671	8888238	AATAATCTGTATCT	AAAAATAATTAATTAATTAATTAATTAATTA		28		5	232	204	0.61	0.39	0.00	0.00	
alusx	1	9105614	9109204	AAGGCAGA	AAAAAAAAAAAAAAAA		15		15	71	56	1.00	0.00	0.00	0.00	
alusx	1	9406568	9410163	CTTTGC	AAAAAACAAAAAACCCAG		20		6	39	19	0.70	0.00	0.25	0.05	
alusx	1	10485329	10488904	TACACA	AAAAAAAAAAAAAAAA		14		14	263	249	1.00	0.00	0.00	0.00	
alusx	1	11636109	11639706	TTAAGAGC	AAAAAAAAAAAAAAAA		16		16	868	852	1.00	0.00	0.00	0.00	
alusx	1	15431697	15435293	AAAAATTCAACTTTT	AAAAAAAAAAAAAAAA		18		18	38	20	1.00	0.00	0.00	0.00	
alusx	1	17114814	17118416	AAAACTAAACCAGC	AAAAAAAAAACAAAAACAAAAA		23		10	999	976	0.91	0.00	0.09	0.00	
alusx	1	17496043	17499649	AAAGAGTATGA	AAAAAATGAATAAATAAAAAA		23		6	39	16	0.83	0.13	0.00	0.04	
alusx	1	24216902	24220498	AAAAATAAAATAAAATCT	AAAAAAAATAAAA		13		8	365	352	0.92	0.08	0.00	0.00	
alusx	1	24728282	24731903	AAAAATAAATGGATG	AAAAAATAAAAAAATAAAATAATAATAATAA		35		6	163	128	0.83	0.17	0.00	0.00	
alusx	1	26867640	26871199	AAAGAAGCAGATA	AAAAAAA		8		8	375	367	1.00	0.00	0.00	0.00	
alusx	1	27188369	27191973	CGGGGAAGCTGA	AAAAAATAAATAAAAAATAAAAAATAAGAA		30		6	105	75	0.83	0.13	0.00	0.03	
alusx	1	29312250	29315852	AGACCTGTGAC	AAAAAAAAAAAAAAAAAAGAGA		23		19	764	741	0.91	0.00	0.00	0.09	
alusx	1	31312944	31316530	AAAACTAAGGAGT	AAAAACAAACAAACAAACAAA		21		4	157	136	0.81	0.00	0.19	0.00	
alusx	1	32385307	32388920	AAAGACTAAAAATT	AAAAAAAAAAAAAAAAAAAAAAAA		23		23	32	9	1.00	0.00	0.00	0.00	
alusx	1	34494710	34498256	AAAAATAAAAAATAAG	AAAATTAATAATAATAATAATAA		25		4	169	144	0.76	0.24	0.00	0.00	
alusx	1	35358867	35362471	TGTT	AAAAAACAAATAAACAAAAAGACATACC		28		6	211	183	0.71	0.07	0.18	0.04	
alusx	1	38702128	38705736	AAGAAGGAACC	AAATAAAAAATAAATAAATAAAAA		24		3	230	206	0.83	0.17	0.00	0.00	
alusx	1	40683163	40686760	AAAATTTCAACTTTTT	AAAAAAAAAAAAAGAAA		16		11	37	21	0.94	0.00	0.00	0.06	
alusx	1	44813396	44816994	ATCCCA	AACAAAAAAAAAAAAAAAAAAGGAAAGAAAGAAAGAAAGAAAGAAA		48		2	352	304	0.83	0.00	0.02	0.15	
alusx	1	45170761	45174359	AAAAGAATTTA	AAAAATAAAAAA		12		4	165	153	0.92	0.08	0.00	0.00	
alusx	1	45878918	45882524	AAAAGCCATT	ACAAAAAAAAAAAAAAAAAAAAAAAA		31		1	471	440	0.97	0.00	0.03	0.00	
alusx	1	46217106	46220707	AAAAGGCCAAAATTAC	AAAAAAAAAAAAAAAA		14		14	48	34	1.00	0.00	0.00	0.00	
alusx	1	50634604	50638201	AAGAAGTGCTCAG	AGAAAAAGAAAAAAAAAAG		19		1	534	515	0.84	0.00	0.00	0.16	
alusx	1	51170735	51174331	AAGAATAAATC	AAAAAAAAAAAAAAAAAGAGAGA		20		14	172	152	0.85	0.00	0.00	0.15	
alusx	1	52853821	52857431	AAGAACCACTGCTCT	AAAAGAAAAACAACAACAACAAAAA		29		4	172	143	0.79	0.00	0.17	0.03	
alusx	1	54363424	54367015	AGGGGCAGAGAAGCCA	AAAAAAAAAAAA		11		11	310	299	1.00	0.00	0.00	0.00	
alusx	1	55344248	55347837	AAAAACAGG	AAAAAATAAAAAATAAAAA		19		6	186	167	0.89	0.11	0.00	0.00	
alusx	1	56830304	56833907	AAAGTTGAAGA	AAAAAAAAAAAAAAAAAAAAAAAA		23		23	588	565	1.00	0.00	0.00	0.00	
alusx	1	58779854	58783453	TGGG	AAAAGAAAAGAAAAACAA		18		4	195	177	0.83	0.00	0.06	0.11	
alusx	1	61947679	61951270	ACTGGA	AATAAATAATGAACAA		18		2	52	34	0.72	0.17	0.06	0.06	
alusx	1	62299588	62303186	AAAAACACTTAT	AAAAAAAAAAAAAAAA		16		16	816	800	1.00	0.00	0.00	0.00	
alusx	1	62540569	62544169	AAAATCTCAAGCAG	AAAAAAGAAAAAAAAA		17		6	64	47	0.94	0.00	0.00	0.06	
alusx	1	63177356	63180916	AATTAGAAAG	AAAAAAAAAAAAAAAAAAAAACA		25		23	97	72	0.96	0.00	0.04	0.00	
alusx	1	63765001	63768598	AAATTTTATATT	AAAAAAGAAA		11		7	32	21	0.91	0.00	0.00	0.09	
alusx	1	65017160	65020774	AAAGAGGC	AAAAAAAAAAGAAAAGAAAAGAAAAA		26		9	145	119	0.88	0.00	0.00	0.12	
alusx	1	71583588	71587197	AGAAGATAACAAACATC	AAAAAAAAA		10		10	90	80	1.00	0.00	0.00	0.00	
alusx	1	74340530	74344124	ACCACATA	AAAAAAAAAAAAAATACACACACACACACACA		32		14	120	88	0.72	0.03	0.25	0.00	
alusx	1	76305362	76308966	AAAAGTAAATAT	AAAAAAAAAAAAAAGAAAAA		23		13	161	138	0.96	0.00	0.00	0.04	
alusx	1	77904728	77908331	AAGAAACGGAGA	AAAAAAAAAAAAAAAA		20		20	364	344	1.00	0.00	0.00	0.00	
alusx	1	78279558	78283146	AATTCTTTAGGA	AAAAAAAAAAAAAAAA		15		15	51	36	1.00	0.00	0.00	0.00	
alusx	1	86527350	86530947	AAATAGAGAGATATG	AAAAACAAAACAAAACCTAACTAATAAATAA		32		5	142	110	0.75	0.13	0.13	0.00	
alusx	1	87963832	87967436	GCAGT	AAAAACAAAAAGAAAAA		20		4	365	345	0.90	0.00	0.05	0.05	
alusx	1	89518079	89521662	ATAAAATTC	AAAATAATGATGATAATAATAATAATA		28		4	83	55	0.64	0.29	0.00	0.07	
alusx	1	94324600	94328205	AGAACTTAATT	AAAAAAAAAAAAAATAGAAAAGAAA		26		15	186	160	0.88	0.04	0.00	0.08	
alusx	1	95271564	95275170	AAAAGAAGCTT	AAAAAAAAAAAAAAAAAAAAAAAA		25		25	405	380	1.00	0.00	0.00	0.00	
alusx	1	98902524	98906125	TACTCCT	AAATAAAAAGAAAAGAGAG		19		3	75	56	0.74	0.05	0.00	0.21	
alusx	1	111916282	111919897	AAAGAT	AAAAAAAAAAAAAGAAAGAAAGAAAGAAA		27		11	213	186	0.85	0.00	0.00	0.15	
alusx	1	181282214	181285821	GGAG	AAAAACAAAAAACAACAAAAACCTTAAATTCAAATT		42		5	129	87	0.74	0.14	0.12	0.00	
alusx	1	190814688	190818276	AAAAAGTGACAATA	AAAAAATAAAAA		12		12	51	39	1.00	0.00	0.00	0.00	
alusx	1	202047958	202051569	AATGAAATA	AAAAAAAAAAAAAAGAAAAGAAAAGGAAGAAATAA		38		16	88	50	0.84	0.03	0.00	0.13	
alusx	1	234647673	234651256	ATTCTCCT	AAAAAATA		10		10	87	77	1.00	0.00	0.00	0.00	
alusx	2	2185750	2189356	AAAGTATGGTACAGCTT	AAAAAAAAAAAAAGAAAGAAAAGAAAAGAAAAGAAA		35		12	179	144	0.86	0.00	0.00	0.14	
alusx	2	5955892	5959489	AGACTCTAAAAGACT	ACAAAAAAGAAAAAAAAA		19		1	358	339	0.89	0.00	0.05	0.05	
alusx	2	8436349	8439956	AAAAATGAATGG	AAAATAAATACATAAATAAAAAAAAAAGAA		31		4	72	41	0.81	0.13	0.03	0.03	
alusx	2	9727385	9730980	AAAAAGACTCAAACA	AAAAAAAAAAAAA		14		14	261	247	1.00	0.00	0.00	0.00	
alusx	2	11227432	11231039	AAAAATT	AAAATAATAATAATAATAATTAATAA		26		4	167	141	0.73	0.27	0.00	0.00	
alusx	2	16233063	16236656	AAAGAGTATACAAG	AAAAAACCACAAA		15		8	55	40	0.87	0.00	0.13	0.00	
alusx	2	17915348	17918941	AAGAATG	AAAAAAAAAAAAAATGAATGAAAAGGG		26		13	384	358	0.73	0.08	0.00	0.19	
alusx	2	21386978	21390570	AAAATCCTTCA	AAAAAGAAAAAAAAA		16		5	447	431	0.94	0.00	0.00	0.06	
alusx	2	24457620	24461195	AAAAATAACTAAAAGA	AAAAAATAAATAAATACTAAAAA		25		6	169	144	0.80	0.16	0.04	0.00	
alusx	2	25627748	25641360	AAAGCAATA	AAAAAATAAACAACAAAGAA		20		8	151	121	0.85	0.05	0.05	0.05	

alusx	2	26215654	26219241	AAGAATATCCCTATCCT	AAAATAGTAATAATAA	16	4	76	60	0.69	0.25	0.00	0.06
alusx	2	26638469	26642062	AAAAAAGAAAAAA	ATTAAAAAAA	10	1	876	866	0.80	0.20	0.00	0.00
alusx	2	27107966	27111555	AAGAGGAAAACAGAG	AAAAAAAAAAAAAAAAAAGAGGAAAAACA	29	19	164	135	0.86	0.00	0.03	0.10
alusx	2	28598216	28601819	AAGAGGGAACCTACAAG	AAAAAAAAAAAAAAAAAAGAGAGAGAGAGA	33	21	150	117	0.82	0.00	0.00	0.18
alusx	2	29988631	29992189	AAAAATGGGTATCTA	AACAGAGTGAGAAA	14	2	178	164	0.57	0.07	0.07	0.29
alusx	2	32092450	32096055	AGAAAGTTACTACTATAT	AAAAAAAACAACAACAAAAAA	20	7	40	20	0.85	0.00	0.15	0.00
alusx	2	32985547	32989145	AAAAAGATATTCA	AAAAAAAAAAAAAAAAAAAA	17	17	124	107	1.00	0.00	0.00	0.00
alusx	2	33715496	33719108	AAGACACTGGAAGAA	AAAAAAAATAAATACTAAATTTAAAAAAA	31	8	179	148	0.77	0.19	0.03	0.00
alusx	2	38486309	38489912	AAGAGTTCC	AAAAAAAAAAAAAAAAAAAA	19	19	123	104	1.00	0.00	0.00	0.00
alusx	2	39168513	39172113	AAAAATACCAAA	AAAAAACAAACAAACAAAACAACAACAAAAATGTTC	40	6	83	43	0.70	0.08	0.20	0.03
alusx	2	42458904	42462505	CATGACAAGCAGG	AAAAAGAAAAGAAAAGAAAAAA	23	5	68	45	0.87	0.00	0.00	0.13
alusx	2	42701342	42704956	AAATCTGAACTACCA	AAAAAAAAAAAAAAAAAAAA	19	19	363	344	1.00	0.00	0.00	0.00
alusx	2	43229310	43232912	AAAATGTAAGTTTT	AAAAAAAAAAAAAAAAAAAAAAAAAAGAAAGAAAAAGAAAAGAAAAAAAGAAAGAAAAGAAAA	64	25	73	9	0.89	0.00	0.00	0.11
alusx	2	44578330	44581924	AACTAATCTGA	AGAAAAAAAAAAAAAAAAAAAA	18	1	146	128	0.94	0.00	0.00	0.06
alusx	2	45738841	45742430	AAAAAAAACCTCTTCTT	AAATTTTAAAAAAA	13	3	32	19	0.69	0.31	0.00	0.00
alusx	2	47397066	47400674	AAAACCTCTAAAT	AAACAAAAACAAGAAACAAAAAACAA	27	3	147	120	0.81	0.00	0.15	0.04
alusx	2	48072019	48075618	AACTAAAAATA	AAAAAACAAACAAACAAAAACCACAAAA	28	6	70	42	0.79	0.00	0.21	0.00
alusx	2	48585397	48589007	AAAGGCAGAG	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	34	34	81	47	1.00	0.00	0.00	0.00
alusx	2	52706489	52710092	AAAAATTTGAGGA	AATAAATAAATAAATAAATA	20	2	46	26	0.75	0.25	0.00	0.00
alusx	2	61058932	61062520	AAATATTTTTTA	AAAAAAAATAA	11	8	47	36	0.91	0.09	0.00	0.00
alusx	2	62338759	62342340	AAAAATCAAAGCTATAGGGCT	AAAAAAAAAAAAAAAAAAAA	19	19	106	87	1.00	0.00	0.00	0.00
alusx	2	64241018	64244615	AAAATATAATTATA	AAAAAGAAAGAAAGAAAGAGAGAGAGAAGTAAGGAAGGAAGGAAGGAAGGAAGGAAGGAAAAAA	60	5	90	30	0.63	0.02	0.00	0.35
alusx	2	72909307	72912919	ACCCATTTG	AAAAAACAAACAAATAAACAAACAAACAAAAACCCCA	38	6	469	431	0.74	0.03	0.24	0.00
alusx	2	74647013	74650609	AAGTAGAGTGAGGGAG	AAAAAAAAAAAAAAAAAAAA	21	21	123	102	1.00	0.00	0.00	0.00
alusx	2	76219212	76222762	AAAACTGGAGTTCACCA	AGAGAGAGAAAAAGAAAA	17	1	382	365	0.71	0.00	0.00	0.29
alusx	2	80880620	80884219	TAAGTGCCATA	AAAAAAAAAAAAAAAAAATGGAAAGAAA	28	18	270	242	0.86	0.04	0.00	0.11
alusx	2	86980533	86984145	AAAGACTAACTGTG	AAAAAAAAAACAAAAACAAAAACAAAA	28	9	278	250	0.89	0.00	0.11	0.00
alusx	2	87808299	87811903	CAAGAAGAGTGG	AAAAAAAAAACAAAAAACAAAA	23	10	327	304	0.96	0.00	0.04	0.00
alusx	2	89015637	89019234	AAAAATACTGCTTTAA	AAAAAATAATAACAATAAATAAAAAATTTTTTAAAAAAA	38	6	32	-6	0.71	0.26	0.03	0.00
alusx	2	100614008	100617572	AAAATCACA	AAAAAAGAAAAAACACAATGAGA	24	6	586	562	0.75	0.04	0.08	0.13
alusx	2	101202874	101206483	ACTTGG	AATAATTAAAAAAAAAAAAACAAAAATATA	30	2	65	35	0.80	0.17	0.03	0.00
alusx	2	105675065	105678616	AAAATTCATTTGT	AAAAAAAACCCCAAAAAACAAAAATAATAAA	31	9	57	26	0.77	0.06	0.16	0.00
alusx	2	106468874	106472490	GAAATGATG	AAAAGAAAAATTATTAAAAAATAAAAAATAAAAAACAAGAAG	47	4	129	82	0.77	0.15	0.02	0.06
alusx	2	109718539	109722116	AGCTTT	AAAAAAAAAAAAAAAAAAAA	25	25	40	15	1.00	0.00	0.00	0.00
alusx	2	110697847	110701408	AGTGAAATATAA	AAAAAAAAAAAA	11	11	63	52	1.00	0.00	0.00	0.00
alusx	2	116350225	116353830	AAAAATATCTAGTG	AAAAAGAAAGAAAGAAAGACAAA	24	5	177	153	0.79	0.00	0.04	0.17
alusx	2	128755547	128759131	AAGAGGGACGATG	AAAAAAAAAAAAAAAA	15	15	605	590	1.00	0.00	0.00	0.00
alusx	2	130246641	130250236	TACAGTG	AATATATGTA	10	2	17	7	0.50	0.40	0.00	0.10
alusx	2	131254193	131257786	AAAGTCAGCTTT	AAAAATAAAAGAA	13	5	66	53	0.85	0.08	0.00	0.08
alusx	2	140595503	140599095	AAAAACAT	AAAAAACAAACCAACCAGCCAAACAAACAAACAAAAATGGAAAAAACAAAAA	59	7	98	39	0.73	0.02	0.20	0.05
alusx	2	142248456	142252053	AAAAGTCATTTT	AAAAAAAATAAAGAAATACATTTAAAAATAAATAAAA	38	9	71	33	0.76	0.18	0.03	0.03
alusx	2	146834088	146837681	GATTAATTGTAGAATTA	AAAAAAAAAAAA	12	12	47	35	1.00	0.00	0.00	0.00
alusx	2	156950543	156954137	AAGGCTT	AAAAAAAAAAAAAATGCTTACTGGCCTTAA	29	13	220	191	0.55	0.21	0.14	0.10
alusx	2	167543177	167546754	AAGAAGAGGAGAAGGAA	AAAAAAAAAAAA	13	13	183	170	1.00	0.00	0.00	0.00
alusx	2	170724394	170727993	AAAGAGCTCAAT	AAAAGAAAAAAAAAAAAAAAAA	20	4	271	251	0.95	0.00	0.00	0.05
alusx	2	171496512	171500093	AGATCAATTTTG	ACAAACAAACAAACAAACAAAAAAGAAAAAAGGAGA	38	1	155	117	0.76	0.00	0.13	0.11
alusx	2	172068903	172072505	AAAAGAAATTGTGGTTTT	AAAAGCAAGACTACATCTCAAAAAATAAAAAAGAAAAA	43	4	38	-5	0.72	0.09	0.12	0.07
alusx	2	172500513	172504106	TATGA	AAAAAAAAAAAA	12	12	159	147	1.00	0.00	0.00	0.00
alusx	2	173081964	173085577	AAATTTATTTCA	TAAATAAATAAATAAAAA	18	3	74	56	0.78	0.22	0.00	0.00
alusx	2	174848707	174852318	AACATAAAGATCT	AAAATAAATAAATAAATAAATAAATAATATCCAATT	37	4	226	189	0.68	0.27	0.05	0.00
alusx	2	183471381	183474963	GACAACATTTA	AAAAAAAAAAAAAAAAAAAA	26	26	148	122	1.00	0.00	0.00	0.00
alusx	2	193091313	193094916	ACTTATAGTCACATTTG	AACAACAACAACAGAAAGAA	20	2	214	194	0.70	0.00	0.20	0.10
alusx	2	196891348	196894968	AAGAATAAGT	AAAAAAAAAAAAAAGAGAGAAAAA	24	14	532	508	0.88	0.00	0.00	0.13
alusx	2	197808670	197812292	AAGACAGATGGAACCTG	AAAAAATAAATTAATAAAAAAAAA	23	6	154	131	0.87	0.13	0.00	0.00
alusx	2	201114250	201117849	AAAAC TAGAAAACCA	AAAAAGCAAACAAACAAA	18	5	277	259	0.78	0.00	0.17	0.06
alusx	2	203963029	203966622	AAAAATGTTTTG	AAAAAATAAGTTCTGTTGCATCCAAGT	28	7	107	79	0.43	0.29	0.14	0.14
alusx	2	206706397	206710002	AAACTAAGGAATTTT	AAAAAAAAAAAAACAAAAAAACCAACAA	31	13	624	593	0.87	0.00	0.13	0.00
alusx	2	210646139	210649755	CAACTAAT	AAAAAACAAAAACAAAAACAAAAA	30	7	65	35	0.90	0.00	0.10	0.00
alusx	2	214872455	214876051	AAAATGAAGTATTT	AAAACAAAAAAA	12	4	275	263	0.92	0.00	0.08	0.00
alusx	2	219016198	219019801	AAAAGGCAACTTGTT	AAAAAAGAAAAGAAAA	17	7	50	33	0.88	0.00	0.00	0.12
alusx	2	219334096	219337671	AAAAACCACTTAAATACT	AAAAAATAAATAA	15	8	785	770	0.87	0.13	0.00	0.00
alusx	2	219782498	219786087	AAAAGCCAGTGGGCCT	AAAAA	9	9	48	39	1.00	0.00	0.00	0.00
alusx	2	221728379	221731962	ATATAT	AAAAAAGAAA	11	7	137	126	0.91	0.00	0.00	0.09
alusx	2	223597031	223600636	ACTAGTGAGGT	AAAAGAAAAA	24	4	183	159	0.96	0.00	0.00	0.04
alusx	2	227024980	227028470	AAAAACCAAGGAA	AAAAA	5	5	205	200	1.00	0.00	0.00	0.00

alusx	2	230651919	230655519	AAAAGCAGCTCAACCC	AATAAAAAAAAAAAAAAAAAAAAA	22	2	192	170	0.95	0.05	0.00	0.00
alusx	2	232615625	232619228	AAGAAGTGA	AAAAAAAAAAAAAAAAAAAAAAAAA	22	22	296	274	1.00	0.00	0.00	0.00
alusx	2	233186252	233189852	AAGTGGCATCATG	AAAAAAAAAAAAATAAATAAA	19	11	55	36	0.89	0.11	0.00	0.00
alusx	2	233897921	233901534	AAAAGTGGTTAAAATG	AAAAAATAAAAGAAAAAAGAAAAA	28	6	65	37	0.89	0.04	0.00	0.07
alusx	2	235515711	235519287	AAATCAG	AAAAATAAATAAATAAATAAATAAATAAATAAATAAATAA	39	5	135	96	0.82	0.18	0.00	0.00
alusx	2	236825514	236829125	AAAGAAATACCA	AAAGAAAAGAAAAAAGAAAAAGAAA	26	3	201	175	0.85	0.00	0.00	0.15
alusx	2	238120927	238124530	AAACATGAATCTC	AACAAAATAAAACAAAA	17	2	1168	1151	0.82	0.06	0.12	0.00
alusx	2	239574351	239577950	AAAGCAGACTCTT	AAAAAAAAAAAAAAAAAAAA	17	17	126	109	1.00	0.00	0.00	0.00
alusx	2	242116934	242120535	AAAATTAAC	AAAAATAAATAAAATAAAACAAAA	24	5	53	29	0.83	0.13	0.04	0.00
alusx	3	2156037	2159626	AAAGCATATC	AAAAAAAAAAGAAAGAAAAAAGGAAAGAAA	33	10	104	71	0.85	0.00	0.00	0.15
alusx	3	3183670	3187264	AAAAGTACA	AAAAAAGAAAAAAA	14	6	112	98	0.93	0.00	0.00	0.07
alusx	3	6773344	6776934	TATGTGTGTG	AAAAAAAAAAAAATATATATATATA	25	11	108	83	0.72	0.28	0.00	0.00
alusx	3	8373367	8376974	AAAGACTCACATGA	AAAAAAAAAAAAAAAAAAAA	18	18	180	162	1.00	0.00	0.00	0.00
alusx	3	9520271	9523864	AATGA	AAACAACAACAACGACAACAATAATAATAATAA	33	3	245	212	0.67	0.12	0.18	0.03
alusx	3	9838413	9842024	AAATGTAAACTG	AAAAAAAAAAAAAAAAAAAAAAGAAAAGAAAAGAAAAGAAAA	42	21	458	416	0.90	0.00	0.00	0.10
alusx	3	10161341	10164893	TAAATG	AAATAATAAA	10	3	38	28	0.80	0.20	0.00	0.00
alusx	3	11003432	11007025	ATATTTATTGCA	AAAAAAAAAAAAAGGA	15	12	182	167	0.87	0.00	0.00	0.13
alusx	3	11594538	11598140	AAAGAGAAGTTGCA	AAAAAAAAAAAAAAAAAAAA	15	15	4	-11	1.00	0.00	0.00	0.00
alusx	3	12032775	12036367	AAAAATTAGGGA	AACAACAACAACAAAA	16	2	222	206	0.75	0.00	0.25	0.00
alusx	3	12677621	12681231	AAAATTTA	AAAAAATAAAAAACAATAGAATAATAAAAAATAAAA	36	7	73	37	0.81	0.14	0.03	0.03
alusx	3	13414358	13417949	AAAAGTATTCAAG	AAAAAATAAAAAATAAAAAATATTCAAA	26	6	121	95	0.77	0.19	0.04	0.00
alusx	3	14488547	14492143	AAAAAAAACCATGTCCC	AAAAACAACAAAAAA	15	4	285	270	0.87	0.00	0.13	0.00
alusx	3	15339071	15342618	AAAGCGGG	AAATAAATAAATAAATAAATAAATAAATAAATAAATAA	39	3	33	-6	0.77	0.23	0.00	0.00
alusx	3	17748633	17752243	ATAATTTT	AAAAAATAAATAAATAAATAAATAAATAA	27	7	203	176	0.81	0.19	0.00	0.00
alusx	3	19978430	19982017	AAAATTAATCTTAG	AAATAAATAAATAAAGTAAGTAAGTAA	27	3	58	31	0.67	0.22	0.00	0.11
alusx	3	24053407	24056993	ATAAAGAAAAGAGG	AAAAAATAAAAAAATAAAAAATTA	25	6	197	172	0.84	0.16	0.00	0.00
alusx	3	25824995	25828603	AAAAAATTCCTAGTCTGGGA	AAAACAACAAACAAACAAATAACAAAA	27	4	109	82	0.81	0.04	0.15	0.00
alusx	3	27969340	27972931	AAGAAAGATATTTT	AAAAAAGAAAAAAAAAAAAAAGAAA	27	7	35	8	0.93	0.00	0.00	0.07
alusx	3	32412421	32416000	CAAAAAATTGGTGATGGT	ACAAAAACAACAACAACAACAACAAAA	27	1	839	812	0.74	0.00	0.26	0.00
alusx	3	32784199	32787796	AAGAATTTGATGGGTCGTC	AAAAAAGAAAAAAAAAAAAAA	19	6	1007	988	0.95	0.00	0.00	0.05
alusx	3	33533514	33537101	AAGAGACAATATATC	AGAAAAAAGAAAAGAGA	18	1	137	119	0.78	0.00	0.00	0.22

[illegible]

alusx	3	172494126	172497741	ATAAAAC	AAAACAAACAAACAAACAAACAAA	26	4	967	941	0.77	0.00	0.23	0.00
alusx	3	173448296	173451885	AAGAAAT	AAAAAGAAAAAGAAAAA	18	5	212	194	0.89	0.00	0.00	0.11
alusx	3	176552552	176556152	ATTTTATT	AAAGAAAAAAAGAAAAATATATGTATA(CA) ₁₈ (TA) ₅ GCAAT(TA) ₅ AATAAAATTGGAAAAATTATAT.	112	3	506	394	0.57	0.21	0.17	0.05
alusx	3	180550052	180553646	AAGATTATGTACCTCT	AAAAAAAAAAAAA	13	13	87	74	1.00	0.00	0.00	0.00
alusx	3	180966901	180970490	AAACTCATTATTT	AAAAAAA	7	7	117	110	1.00	0.00	0.00	0.00
alusx	3	184259208	184262804	AAAGAATTT	AAAAATAAAAA	11	5	61	50	0.91	0.09	0.00	0.00
alusx	3	184825361	184828968	ACCAAAGTTCC	AAAACAAAACAAAAACAAAACAAAACAAAAAAACAAAAACAA	42	4	128	86	0.83	0.00	0.17	0.00
alusx	3	185669053	185672671	AAAGAACC	AAAAAAAAAAAAAGAAAGAAAGAAAGAAA	27	11	101	74	0.85	0.00	0.00	0.15
alusx	3	186707273	186710835	AGAATCCATTTTT	AAAAAAAAAAAAAAGAGAGAGAGA	23	13	90	67	0.78	0.00	0.00	0.22
alusx	3	187274815	187278361	AGAATAAACAAAGTTAGG	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	23	23	688	665	1.00	0.00	0.00	0.00
alusx	3	189423498	189427090	ATAGAAATAAAATGA	AAAAAAATAAA	11	7	147	136	0.91	0.09	0.00	0.00
alusx	3	190886588	190890198	AAGAAGGTAGATTTG	AAAAAAAAAAAAAAAAAAAAAAAAAAAAA	30	30	252	222	1.00	0.00	0.00	0.00
alusx	3	193851204	193854808	AAGCTTCAAATGA	AAAAAAAAAAAAA	12	12	62	50	1.00	0.00	0.00	0.00
alusx	3	195271229	195274825	AAATTATCCAAAGCA	AAAAAAAAAAAAA	12	12	180	168	1.00	0.00	0.00	0.00
alusx	3	195778417	195782005	AAAAAATTAAGTT	ATTTAAAAAAAAATA	15	1	292	277	0.73	0.27	0.00	0.00
alusx	3	196510543	196514154	AAAAACTGTCTT	AAAAACAAAACAAAAACAAAACAGAAAA	30	5	42	12	0.83	0.00	0.13	0.03
alusx	3	198077472	198081046	GCCCGG	AAAAAAATTGTGA	14	8	91	77	0.64	0.21	0.00	0.14
alusx	3	199100149	199103756	AAAAGTCAGCTACT	AAAACAAACAAACAAACAAAAA	23	4	90	67	0.83	0.00	0.17	0.00

