S1: Details of Polyomaviridae genomes used in the study

Serial No.	Genome Serial No.	Genome	Genome Shape	Family	Genus	Virus name(s)	Host	Accession No.	Virus abbreviation	Size (kbp)	GC%
1	BM2	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 5b2	Acerodon celebensis [TAX:58057]	AB972940	BatPyV5b-2	5040	41.825397
2	BM3	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 3a-A1055	Artibeus planirostris [TAX:40230]	JQ958886	BatPyV3a-A1055	5019	41.223351
3	BM4	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 4a	Artibeus planirostris [TAX:40230]	JQ958890	BatPyV4a	5187	44.225949
4	BM5	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Ateles paniscus polyomavirus 1	Ateles paniscus [TAX:9510]	NC_019853	ApanPyV1	5273	44.35805
5	BM6	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Cardioderma polyomavirus	Chiroptera [TAX:9397] ; Cardioderma cor [TAX:270764]	NC_020067	CardiodermaPyV	5372	41.269546
6	BM7	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 4b	Carollia perspicillata [TAX:40233]	NC_028120	BatPyV4b	5352	42.376682
7	BM8	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Vervet monkey polyomavirus 1	Chlorocebus pygerythrus [TAX:60710]	NC_019844	VmPyV1	5157	39.635447
8	BM9	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Vervet monkey polyomavirus 3	Chlorocebus pygerythrus [TAX:60710]	NC_025898	VmPyV3	5055	41.186944
9	BM10	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 5a	Dobsonia moluccensis [TAX:42147]	NC_026768	BatPyV5a	5075	39.527094
10	BM11	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Eidolon polyomavirus 1	Chiroptera ; Eidolon helvum [TAX:77214]	NC_020068	EidolonPyV	5294	42.595391
11	BM12	dsDNA	linear	Polyomaviridae	Alphapolyomavirus	Gorilla gorilla gorilla polyomavirus 1	Gorilla gorilla gorilla [TAX:9595]	NC_025380	GgorgPyV1	5300	42.169811
12	BM13	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Human polyomavirus 12	Homo sapiens [TAX:9606]	NC_020890		5033	39.598649
13	BM14	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	New Jersey polyomavirus	Homo sapiens [TAX:9606]	NC_024118	NJPyV	5108	39.252153
14	BM15	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Merkel cell polyomavirus	Homo sapiens [TAX:9606]	NC_010277	MCPyV	5387	40.671988
15	BM16	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Trichodysplasia spinulosa-associated polyomavirus	Homo sapiens [TAX:9606]	NC_014361	TSPyV	5232	40.061162
16	BM17	dsDNA	linear	Polyomaviridae	Alphapolyomavirus	Human polyomavirus 9	Homo sapiens [TAX:9606]	NC_015150	HPyV9	5026	39.156387
17	BM18	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Macaca fascicularis polyomavirus 1	Macaca fascicularis [TAX:9541]	NC_019851	MfasPyV1	5087	38.549243
18	BM19	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Hamster polyomavirus	Mesocricetus auratus [TAX:9541]	NC_001663	HaPyV	5372	41.548771
19	BM20	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 3b	Molossus molossus [TAX:27622]	NC_028123	BatPyV3b	4903	40.872935
20	BM21	dsDNA	linear	Polyomaviridae	Alphapolyomavirus	Mouse polyomavirus (NCBI- Murine polyomavirus)	Mus ; Mus musculus	NC_001515	MPyV	5307	47.164123
21	BM22	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Otomops polyomavirus 1	Chiroptera ; Otomops martiensseni [TAX:258867]	NC_020071	OtomopsPyV1	5176	40.784389
22	BM23	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Otomops polyomavirus 2	Otomops martiensseni [TAX:258867]	NC_020066	OtomopsPyV2	4914	41.798942
23	BM24	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Chimpanzee polyomavirus	Pan troglodytes verus [TAX:37012]	NC_014743	ChPyV	5086	38.242234
24	BM25	dsDNA	linear	Polyomaviridae	Alphapolyomavirus	Pan troglodytes verus polyomavirus 1a	Pan troglodytes verus [TAX:37012]	NC_025368	PtrovPyV1a	5303	40.354516
25	BM26	dsDNA	linear	Polyomaviridae	Alphapolyomavirus	Pan troglodytes verus polyomavirus 2a	Pan troglodytes verus [TAX:37012]	NC_025370	PtrovPyV2a	5309	40.949331
26	BM27	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Pan troglodytes verus polyomavirus 3	Pan troglodytes verus [TAX:37012]	NC_019855	PtrovPyV3	5333	40.296269
27	BM28	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Pan troglodytes verus polyomavirus 4	Pan troglodytes verus [TAX:37012]	NC_019856	PtrovPyV4	5349	38.549262
28	BM29	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Pan troglodytes verus polyomavirus 5	Pan troglodytes verus [TAX:37012]	NC_019857	PtrovPyV5	4994	39.207048
29	BM30	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Pan troglodytes schweinfurthii polyomavirus 2	Pan troglodytes schweinfurthii [TAX:37010]	NC_019858	PtrosPyV2	4970	39.114688
30	BM31	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Yellow baboon polyomavirus 1	Papio cynocephalus [TAX:9556]	NC_025894	YbPyV1	5064	39.830174
31	BM32	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Piliocolobus badius polyomavirus 2	Piliocolobus badius [TAX:164648]	KX509984	PbadPyV2	5148	40.034965
32	BM33	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Piliocolobus rufomitratus polyomavirus 1	Piliocolobus rufomitratus [TAX:591934]	NC_019850	PrufPyV1	5140	39.708171
33	BM34	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Sumatran orang-utan polyomavirus	Pongo abelii [TAX:9601]	NC_028127	OraPyV-Sum	5358	38.652482
34	BM35	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bornean orang-utan polyomavirus	Pongo pygmaeus [TAX:9600]	NC_013439	OraPyV-Bor	5168	40.228328
35	BM36	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Raccoon polyomavirus	Procyon lotor [TAX:9654]	NC_023845	RacPyV	5016	42.204944
36	BM37	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 5b1	Pteropus vampyrus	NC_026767	BatPyV5b-1	5047	41.7872
37	BM38	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Rattus norvegicus polyomavirus 1	Rattus norvegicus [TAX:10116]	NC_027531	RnorPyV1	5318	45.298985
38	BM89	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Sorex araneus polyomavirus 1	Sorex araneus	MF374997	SaraPyV1	5095	39.627085
39	BM90	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Sorex coronatus polyomavirus 1	Sorex coronatus	MF374999	SminPyV1	5090	41.159136
40	BM91	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Sorex minutus polyomavirus 1	Sorex minutus	MF401583	ScorPyV1	5096	39.462323
41	BM92	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Bat polyomavirus 3a-B0454	Sturnira lilium	NC_038557	BatPyV3a-B0454	5058	42.249901
42	BM93	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Miniopterus schreibersii polyomavirus 1	Miniopterus schreibersii	NC_034220	MschPyV1	4752	43.58165
43	BM94	dsDNA	circular	Polyomaviridae	Alphapolyomavirus	Miniopterus schreibersii polyomavirus 2	Miniopterus schreibersii	NC_034221	MschPyV2	4877	42.628665
44	BM39	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Bat polyomavirus 6a	Acerodon celebensis	NC_026762	BatPyV6a	5019	40.745168
45	BM40	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Bat polyomavirus 2c	Artibeus planirostris polyomavirus 1	NC_038558	BatPyV2c	5371	39.489853
46	BM41	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Cebus albifrons polyomavirus 1	Cebus albifrons	NC_019854	CalbPyV1	5013	37.921404
47	BM42	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Cercopithecus erythrotis polyomavirus 1	Cercopithecus erythrotis	NC_025892	CeryPyV1	5189	41.318173
48	BM43	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Vervet monkey polyomavirus 2	Chlorocebus pygerythrus	NC_025896	VmPyV2	5167	41.571512
49	BM44	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Bat polyomavirus 2a	Desmodus rotundus	NC_028122	BatPyV2a	5201	43.280138
50	BM45	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Bat polyomavirus 6b	Dobsonia moluccensis	NC_026770	BatPyV6b	5039	39.690415
51	BM46	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Bat polyomavirus 6c	Dobsonia moluccensis	NC_026769	BatPyV6c	5046	40.44788
52	BM47	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Equine polyomavirus	Equus caballus	NC_017982	EPyV	4987	44.636054
53	BM48	dsDNA	circular	Polyomaviridae	Betapolyomavirus	BK polyomavirus	Homo sapiens	NC_001538	BK virus; BKV; BKPyV	5153	39.530371
54	BM49	dsDNA	circular	Polyomaviridae	Betapolyomavirus	JC polyomavirus	Homo sapiens	NC_001699	JC virus; JCV; JCPyV	5130	40.448343
55	BM50	dsDNA	circular	Polyomaviridae	Betapolyomavirus	KI polyomavirus	Homo sapiens	NC_009238	KIPyV	5040	39.365079
56	BM51	dsDNA	circular	Polyomaviridae	Betapolyomavirus	WU polyomavirus	Homo sapiens	NC_009539	WU virus; WUPyV	5229	39.166189
57	BM52	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Weddell seal polyomavirus	Leptonychotes weddellii	NC_032120	WsPyV	5186	42.229078
58	BM53	dsDNA	circular	Polyomaviridae	Betapolyomavirus	African elephant polyomavirus 1	Loxodonta africana	NC_022519	AelPyV1	5722	42.922055
59	BM54	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Simian virus 40	Macaca mulatta	NC_001669	SV40	5243	40.797253
60	BM55	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Mastomys polyomavirus	Mastomys natalensis	NC_025895	MasPyV	4899	39.946928
61	BM56	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Meles meles polyomavirus 1	Meles meles	NC_026473	MmelPyV1	5187	42.818585
62	BM57	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Microtus arvalis polyomavirus 1	Microtus arvalis	NC_028119	CVPyV	5024	42.257166
63	BM58	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Miniopterus polyomavirus	Miniopterus africanus	NC_020069	MiniopterusPyV	5213	42.451563
64	BM59	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Mouse pneumotropic virus	Mus musculus	KT987216	MPtV	5005	40.27972
65	BM60	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Myodes glareolus polyomavirus 1	Myodes glareolus	NC_028117	BVPyV	5032	41.713037
66	BM61	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Myotis polyomavirus	Myotis lucifugus	NC_011310	MyPyV	5081	41.72407

Serial No.	Genome Serial No.	Genome	Genome Shape	Family	Genus	Virus name(s)	Host	Accession No.	Virus abbreviation	Size (kbp)	GC%
67	BM62	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Pan troglodytes verus polyomavirus 8	Pan troglodytes verus	NC_028635	PtrovPyV8	5163	38.136742
68	BM64	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Pteronotus polyomavirus	Pteronotus davyi	NC_020070	PteronotusPyV	5136	41.530374
69	BM65	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Bat polyomavirus 2b	Pteronotus parnellii	NC_028121	BatPyV2b	5041	38.643126
70	BM66	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Rat polyomavirus 2	Rattus norvegicus	KX574453	RatPyV2	5104	43.691223
71	BM67	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Squirrel monkey polyomavirus	Saimiri boliviensis	NC_009951	SquiPyV	5075	37.871921
72	BM68	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Saimiri sciureus polyomavirus 1	Saimiri sciureus	NC_038559	SsciPyV1	5067	37.635682
73	BM69	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Alpaca polyomavirus	Vicugna pacos	NC_034251	AlPyV	5052	37.747427
74	BM70	dsDNA	linear	Polyomaviridae	Betapolyomavirus	California sea lion polyomavirus 1	Zalophus californianus	NC_013796	SLPyV	5112	42.683881
75	BM95	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Canis familiaris polyomavirus 1	Canis familiaris	NC_034456	CfamPyV1	5070	34.69428
76	BM96	dsDNA	circular	Polyomaviridae	Betapolyomavirus	Rousettus aegyptiacus polyomavirus 1	Rousettus aegyptiacus	NC_034219	RaegPyV1	5014	42.89988
77	BM71	dsDNA	circular	Polyomaviridae	Deltapolyomavirus	Human polyomavirus 6	Homo sapiens	NC_014406	HPyV6	4926	42.651238
78	BM72	dsDNA	circular	Polyomaviridae	Deltapolyomavirus	Human polyomavirus 7	Homo sapiens	NC_014407	HPyV7	4952	42.891761
79	BM73	dsDNA	circular	Polyomaviridae	Deltapolyomavirus	MW polyomavirus	Homo sapiens	NC_018102	MWPyV	4927	36.898721
80	BM74	dsDNA	circular	Polyomaviridae	Deltapolyomavirus	STL polyomavirus	Homo sapiens	NC_020106	STLPyV	4776	36.620603
81	BM75	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Goose hemorrhagic polyomavirus	Anser sp.	NC_004800	GHPV	5256	48.059361
82	BM76	dsDNA	linear	Polyomaviridae	Gammapolyomavirus	Budgerigar fledgling disease virus	Gallus gallus, Melopsittacus undulatus	NC_004764	BFDV	4981	48.544469
83	BM77	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Crow polyomavirus	Eurasian jackdaw	NC_007922	CpyV	5079	45.73735
84	BM78	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Butcherbird polyomavirus	Cracticus torquatus	NC_023008	Butcherbird PyV	5084	45.653029
85	BM79	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Erythrura gouldiae polyomavirus 1	Erythrura gouldiae	NC_039052	EgouPyV1	5172	44.586234
86	BM80	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Hungarian finch polyomavirus	Lonchura maja	NC_039053	HunFPyV	5284	51.116578
87	BM81	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Adelie penguin polyomavirus	Pygoscelis adeliae	NC_026141	ADPyV	4988	52.34563
88	BM82	dsDNA	circular	Polyomaviridae	Gammapolyomavirus	Finch polyomavirus	Pyrrhula pyrrhula griseiventris	NC_007923	FpyV	5278	51.231527
89	BM83	dsDNA	linear	Polyomaviridae	Gammapolyomavirus	Canary polyomavirus	Serinus canaria	NC_017085	CaPyV	5421	49.105331
90	BM84	dsDNA	circular	Polyomaviridae	Unassigned species	Bovine polyomavirus	Bos taurus	NC_001442	BPyV	4697	41.38812
91	BM85	dsDNA	circular	Polyomaviridae	Unassigned species	Black sea bass-associated polyomavirus 1	Centropristis striata	NC_025790	BassPyV1	7369	48.527616
92	BM86	dsDNA	circular	Polyomaviridae	Unassigned species	Dolphin polyomavirus 1	Delphinus delphis	NC_025899	DPyV	5159	36.421787
93	BM87	dsDNA	circular	Polyomaviridae	Unassigned species	Giant guitarfish polyomavirus	Rhynchobatus djiddensis	NC_026244	GfPyV1	3962	42.983342
94	BM88	dsDNA	circular	Polyomaviridae	Unassigned species	Sharp-spined notothenia polyomavirus	Trematomus pennellii	NC_026944	SspPyV	6219	46.08458
95	BM97	dsDNA	linear	Polyomaviridae	Unassigned species	Giant panda polyomavirus	Ailuropoda melanoleuca	NC_035181	AmelPyV1	5144	41.835148
96	BM98	dsDNA	circular	Polyomaviridae	Unassigned species	Raccoon-associated polyomavirus 2	Procyon lotor	NC_034378	PlotPyV1	5225	43.272727
97	BM99	dsDNA	linear	Polyomaviridae	Unassigned species	Sparus aurata polyomavirus 1	Sparus aurata	NC_030838	SaurPyV1	7299	52.116728
98	BM100	dsDNA	circular	Polyomaviridae	Unassigned species	Emerald notothen polyomavirus 1	Trematomus bernacchii	NC_040638	TberPyV1	5541	45.154304

S2 : SSRs and cSSRs extracted form studied Polyomaviridae genomes.

Serial No.	Genome Serial No.	SSR	Size (kbp)	sRA	sRD	cSSR10	cRA	cRD	cSSR%	Mono Rep Incidence	Mono Tract Size	Di Rep Incidence
1	BM2	30	5040	5.9523810	42.262	2	0.3968254	6.944444444	13.33333333	12	84	13
2	BM3	31	5019	6.1765292	51.205	2	0.39848575	6.973500697	12.90322581	18	116	5
3	BM4	37	5187	7.1332177	52.053	4	0.77115867	12.33853865	21.62162162	14	96	18
4	BM5	24	5273	4.5514887	32.429	1	0.18964536	3.034325811	8.333333333	11	82	12
5	BM6	30	5372	5.5845123	51.005	2	0.37230082	8.00446761	13.33333333	13	97	9
6	BM7	35	5352	6.5396114	60.538	3	0.56053812	19.99252616	22.85714286	15	101	7
7	BM8	30	5157	5.8173357	48.478	3	0.58173357	14.34942796	20	13	88	10
8	BM9	31	5055	6.1325420	49.852	4	0.79129575	15.82591494	25.80645161	16	107	7
9	BM10	26	5075	5.1231527	37.241	2	0.39408867	8.472906404	15.38461538	11	72	11
10	BM11	36	5294	6.8001511	47.979	1	0.18889309	4.911220249	5.555555556	20	128	9
11	BM12	36	5300	6.7924528	51.509	1	0.18867925	3.962264151	5.555555556	19	129	10
12	BM13	32	5033	6.3580370	52.851	2	0.39737731	9.934432744	12.5	18	141	7
13	BM14	35	5108	6.8519969	51.488	0	0	0	0	14	93	13
14	BM15	25	5387	4.6408019	32.671	2	0.37126415	7.796547243	16	12	83	9
15	BM16	30	5232	5.7339450	44.151	1	0.1911315	3.822629969	6.666666667	12	80	12
16	BM17	35	5026	6.9637883	54.318	2	0.39793076	7.560684441	11.42857143	22	148	5
17	BM18	35	5087	6.8802831	59.760	3	0.58973855	17.69215648	17.14285714	23	160	4
18	BM19	24	5372	4.4676098	32.762	1	0.18615041	5.212211467	12.5	8	56	11
19	BM20	29	4903	5.9147461	43.647	3	0.61187028	11.82949215	20.68965517	7	45	14
20	BM21	18	5307	3.3917468	27.699	0	0	0	0	7	49	7
21	BM22	37	5176	7.1483771	55.062	2	0.38639876	8.307573416	10.81081081	18	131	11
22	BM23	26	4914	5.2910053	39.683	2	0.40700041	7.733007733	15.38461538	12	79	8
23	BM24	34	5086	6.6850177	53.677	0	0	0	0	10	62	13
24	BM25	37	5303	6.9771827	52.989	1	0.18857251	3.960022629	5.405405405	19	131	11
25	BM26	32	5309	6.0275005	42.569	2	0.37671878	5.839141081	12.5	18	120	10
26	BM27	39	5333	7.3129571	56.629	2	0.37502344	8.438027377	12.82051282	18	111	11
27	BM28	34	5349	6.3563283	47.859	3	0.5608525	12.8996074	20.58823529	23	154	6
28	BM29	36	4994	7.2086504	57.269	1	0.20024029	4.004805767	5.555555556	20	140	8
29	BM30	32	4970	6.4386318	50.704	2	0.40241449	7.847082495	12.5	17	124	10
30	BM31	31	5064	6.1216430	45.616	1	0.19747235	7.701421801	12.90322581	16	107	8
31	BM32	26	5148	5.0505051	35.742	1	0.19425019	5.439005439	7.692307692	11	77	12
32	BM33	29	5140	5.6420234	33.852	3	0.58365759	11.47859922	20.68965517	14	84	10
33	BM34	36	5358	6.7189250	53.751	2	0.37327361	7.278835386	11.11111111	16	104	9
34	BM35	22	5168	4.2569659	31.734	1	0.19349845	5.224458204	9.090909091	11	70	7
35	BM36	32	5016	6.3795853	47.448	2	0.39872408	7.376395534	12.5	14	97	14
36	BM37	31	5047	6.1422627	48.346	3	0.59441252	9.708737864	19.35483871	9	67	14
37	BM38	22	5318	4.1368936	28.958	1	0.18804062	4.136893569	9.090909091	6	37	12
38	BM89	34	5095	6.6732090	57.311	2	0.392541708	10.2060844	11.76470588	19	152	7
39	BM90	32	5090	6.2868369	51.081	2	0.392927308	11.19842829	15.625	18	138	7

S2 : SSRs and cSSRs extracted form studied Polyomaviridae genomes.

Serial No.	Genome Serial No.	SSR	Size (kbp)	sRA	sRD	cSSR10	cRA	cRD	cSSR%	Mono Rep Incidence	Mono Tract Size	Di Rep Incidence
40	BM91	29	5096	5.6907378	46.507	3	0.588697017	12.16640502	20.68965517	13	100	9
41	BM92	26	5058	5.1403717	41.716	2	0.395413207	9.094503756	19.23076923	12	78	4
42	BM93	23	4752	4.8400673	38.721	2	0.420875421	6.944444444	17.39130435	8	55	8
43	BM94	26	4877	5.3311462	45.315	1	0.205044084	3.280705352	7.692307692	7	51	9
44	BM39	40	5019	7.9697151	60.171	5	0.996214385	19.92428771	25	22	142	10
45	BM40	45	5371	8.3783281	69.633	4	0.744740272	17.68758146	20	17	113	14
46	BM41	39	5013	7.7797726	60.044	4	0.797925394	17.15539597	23.07692308	17	119	15
47	BM42	34	5189	6.5523222	47.986	4	0.770861438	15.22451339	26.47058824	20	130	10
48	BM43	30	5167	5.8060770	44.513	3	0.580607703	11.41861815	23.33333333	14	93	9
49	BM44	28	5201	5.3835801	40.185	2	0.384541434	6.921745818	14.28571429	19	123	4
50	BM45	31	5039	6.1520143	49.613	3	0.595356221	11.90712443	19.35483871	14	95	10
51	BM46	37	5046	7.3325406	57.273	3	0.594530321	13.27784384	16.21621622	16	107	14
52	BM47	35	4987	7.0182474	56.948	2	0.401042711	9.42450371	14.28571429	11	70	14
53	BM48	33	5153	6.4040365	48.515	2	0.388123423	8.3446536	12.12121212	15	106	12
54	BM49	39	5130	7.6023392	54.971	5	0.974658869	16.37426901	25.64102564	26	179	9
55	BM50	38	5040	7.5396825	53.571	4	0.793650794	16.26984127	21.05263158	15	99	16
56	BM51	26	5229	4.9722700	39.204	1	0.191241155	2.677376171	7.692307692	13	94	7
57	BM52	34	5186	6.5561126	48.785	4	0.771307366	16.77593521	26.47058824	15	94	11
58	BM53	32	5722	5.5924502	39.497	5	0.873820343	15.20447396	31.25	18	125	12
59	BM54	38	5243	7.2477589	57.410	1	0.190730498	3.623879458	5.263157895	21	133	6
60	BM55	27	4899	5.5113288	40.212	1	0.20412329	4.2865891	7.407407407	12	80	10
61	BM56	22	5187	4.2413727	31.425	1	0.192789666	2.699055331	9.090909091	10	67	9
62	BM57	25	5024	4.9761146	36.425	2	0.398089172	7.563694268	16	7	52	13
63	BM58	31	5213	5.9466718	46.231	1	0.191828122	6.905812392	6.451612903	16	103	10
64	BM59	19	5005	3.7962038	27.972	0	0	0	0	7	49	8
65	BM60	24	5032	4.7694754	37.957	1	0.19872814	4.570747218	8.333333333	10	71	9
66	BM61	28	5081	5.5107262	42.511	3	0.590434954	16.1385554	25	13	90	7
67	BM62	32	5163	6.1979469	45.322	2	0.387371683	6.004261089	12.5	19	127	9
68	BM64	35	5136	6.8146417	53.738	3	0.58411215	13.04517134	17.14285714	14	90	13
69	BM65	47	5041	9.3235469	80.341	4	0.793493354	17.06010712	17.0212766	19	126	12
70	BM66	25	5104	4.8981191	37.618	2	0.39184953	7.053291536	16	13	92	9
71	BM67	40	5075	7.8817734	67.192	5	0.985221675	24.03940887	25	15	109	12
72	BM68	46	5067	9.0783501	76.771	3	0.592066311	15.98579041	13.04347826	16	110	14
73	BM69	37	5052	7.3238321	55.226	3	0.593824228	10.4908947	16.21621622	20	133	7
74	BM70	32	5112	6.2597809	44.992	5	0.978090767	17.6056338	31.25	14	87	12
75	BM95	37	5070	7.2978304	68.442	6	1.183431953	33.92504931	37.83783784	21	143	10
76	BM96	24	5014	4.7865975	31.711	2	0.398883127	7.578779418	16.66666667	15	97	8
77	BM71	25	4926	5.0751117	38.774	1	0.203004466	5.075111652	8	9	58	10
78	BM72	31	4952	6.2600969	46.850	1	0.201938611	4.038772213	6.451612903	11	71	13

S2 : SSRs and cSSRs extracted form studied Polyomaviridae genomes.

Serial No.	Genome Serial No.	SSR	Size (kbp)	sRA	sRD	cSSR10	cRA	cRD	cSSR%	Mono Rep Incidence	Mono Tract Size	Di Rep Incidence
79	BM73	26	4927	5.2770449	38.157	3	0.608889791	8.32149381	23.07692308	16	104	7
80	BM74	26	4776	5.4438861	40.829	1	0.209380235	6.072026801	11.53846154	9	59	10
81	BM75	21	5256	3.9954338	33.486	1	0.190258752	3.234398782	9.523809524	7	44	8
82	BM76	21	4981	4.2160209	27.705	0	0	0	0	9	57	10
83	BM77	24	5079	4.7253396	34.652	1	0.196889151	2.559558968	8.333333333	11	69	8
84	BM78	21	5084	4.1306058	33.045	3	0.590086546	10.62155783	28.57142857	7	46	7
85	BM79	33	5172	6.3805104	49.884	2	0.386697602	5.027068832	12.12121212	9	55	15
86	BM80	18	5284	3.4065102	26.495	1	0.189250568	3.785011355	11.11111111	5	31	6
87	BM81	20	4988	4.0096231	31.676	2	0.40096231	7.217321572	20	8	51	7
88	BM82	21	5278	3.9787798	28.420	0	0	0	0	6	36	10
89	BM83	29	5421	5.3495665	39.661	2	0.368935621	6.456373363	13.79310345	13	86	11
90	BM84	31	4697	6.5999574	45.135	7	1.490312966	25.97402597	48.38709677	12	77	15
91	BM85	56	7369	7.5994029	66.495	7	0.949925363	20.89835799	25	34	278	14
92	BM86	27	5159	5.2335724	39.349	3	0.581508044	9.691800737	22.22222222	9	60	11
93	BM87	21	3962	5.3003534	43.665	2	0.504795558	15.90106007	23.80952381	6	39	8
94	BM88	39	6219	6.2711047	54.993	1	0.160797556	3.537546229	5.128205128	19	173	13
95	BM97	38	5144	7.3872473	55.404	3	0.583203733	15.35769829	21.05263158	15	103	15
96	BM98	31	5225	5.9330144	48.612	3	0.574162679	10.90909091	19.35483871	12	84	11
97	BM99	45	7299	6.1652281	47.541	0	0	0	20	19	131	15
98	BM100	27	5541	4.8727666	37.538	3	0.541418517	15.52066414	25.92592593	9	68	13

and cSSRs extrac

Genome Serial No.	Di Tract Size	Tri Rep Incidence	Tri Tract Size	Tetra Rep Incidence	Tetra Tract Size	Penta Rep Incidence	Penta Tract Size	Hexa Rep Incidence
BM2	78	5	51	0	0	0	0	0
BM3	32	4	44	0	0	2	29	2
BM4	113	5	61	0	0	0	0	0
BM5	78	1	11	0	0	0	0	0
BM6	58	7	95	0	0	0	0	1
BM7	44	10	134	1	12	1	14	1
BM8	64	5	67	1	12	0	0	1
BM9	48	6	73	2	24	0	0	0
BM10	71	4	46	0	0	0	0	0
BM11	56	7	70	0	0	0	0	0
BM12	60	5	55	1	11	0	0	1
BM13	42	5	52	1	11	1	20	0
BM14	82	5	52	2	22	1	14	0
BM15	56	4	37	0	0	0	0	0
BM16	84	5	55	1	12	0	0	0
BM17	32	7	79	1	14	0	0	0
BM18	26	5	62	1	13	0	0	2
BM19	66	4	43	1	11	0	0	0
BM20	84	6	61	2	24	0	0	0
BM21	44	3	43	1	11	0	0	0
BM22	66	7	76	1	12	0	0	0
BM23	55	5	50	1	11	0	0	0
BM24	87	7	77	4	47	0	0	0
BM25	71	5	56	2	23	0	0	0
BM26	60	3	35	1	11	0	0	0
BM27	75	9	105	1	11	0	0	0
BM28	41	4	48	1	13	0	0	0
BM29	53	7	74	0	0	0	0	1
BM30	67	4	47	0	0	1	14	0
BM31	48	6	55	1	12	0	0	0
BM32	72	3	35	0	0	0	0	0
BM33	60	5	30	0	0	0	0	0
BM34	59	8	91	3	34	0	0	0
BM35	42	3	40	1	12	0	0	0
BM36	84	3	33	0	0	0	0	1
BM37	91	7	73	0	0	0	0	1
BM38	76	3	29	0	0	0	0	1
BM89	42	5	52	1	11	2	35	0
BM90	42	7	80	0	0	0	0	0

and cSSRs extrac

Genome Serial No.	Di Tract Size	Tri Rep Incidence	Tri Tract Size	Tetra Rep Incidence	Tetra Tract Size	Penta Rep Incidence	Penta Tract Size	Hexa Rep Incidence
BM91	60	5	54	2	23	0	0	0
BM92	26	8	83	2	24	0	0	0
BM93	48	6	66	0	0	1	15	0
BM94	58	9	93	0	0	0	0	1
BM39	60	6	76	2	24	0	0	0
BM40	86	13	163	1	12	0	0	0
BM41	99	6	67	1	16	0	0	0
BM42	70	4	49	0	0	0	0	0
BM43	58	5	55	2	24	0	0	0
BM44	24	5	62	0	0	0	0	0
BM45	64	4	46	0	0	3	45	0
BM46	84	7	98	0	0	0	0	0
BM47	86	10	128	0	0	0	0	0
BM48	77	5	56	1	11	0	0	0
BM49	58	4	45	0	0	0	0	0
BM50	96	5	52	2	23	0	0	0
BM51	44	4	43	2	24	0	0	0
BM52	66	8	93	0	0	0	0	0
BM53	72	1	14	1	15	0	0	0
BM54	36	9	107	2	25	0	0	0
BM55	64	4	42	1	11	0	0	0
BM56	54	1	11	1	13	0	0	1
BM57	80	4	39	1	12	0	0	0
BM58	60	2	33	1	12	1	15	1
BM59	50	3	30	1	11	0	0	0
BM60	59	4	49	1	12	0	0	0
BM61	42	7	73	1	11	0	0	0
BM62	59	4	48	0	0	0	0	0
BM64	89	6	65	1	13	0	0	1
BM65	77	12	144	2	23	0	0	2
BM66	66	3	34	0	0	0	0	0
BM67	76	12	141	0	0	1	15	0
BM68	88	12	133	1	11	3	47	0
BM69	42	9	92	1	12	0	0	0
BM70	72	5	60	1	11	0	0	0
BM95	68	2	23	1	11	0	0	3
BM96	48	1	14	0	0	0	0	0
BM71	60	4	46	1	12	1	15	0
BM72	83	7	78	0	0	0	0	0

and cSSRs extrac

Genome Serial No.	Di Tract Size	Tri Rep Incidence	Tri Tract Size	Tetra Rep Incidence	Tetra Tract Size	Penta Rep Incidence	Penta Tract Size	Hexa Rep Incidence
BM73	47	2	24	1	13	0	0	0
BM74	68	7	68	0	0	0	0	0
BM75	64	6	68	0	0	0	0	0
BM76	60	2	21	0	0	0	0	0
BM77	52	5	55	0	0	0	0	0
BM78	42	5	54	1	12	1	14	0
BM79	99	6	70	3	34	0	0	0
BM80	36	5	49	2	24	0	0	0
BM81	44	5	63	0	0	0	0	0
BM82	62	4	40	1	12	0	0	0
BM83	72	3	31	1	11	1	15	0
BM84	90	3	34	1	11	0	0	0
BM85	95	5	75	2	23	0	0	1
BM86	70	6	62	1	11	0	0	0
BM87	52	6	70	1	12	0	0	0
BM88	83	4	43	2	24	1	19	0
BM97	90	8	92	0	0	0	0	0
BM98	75	7	83	1	12	0	0	0
BM99	99	10	106	1	11	0	0	0
BM100	83	4	39	0	0	0	0	1

and cSSRs extrac

Genome Serial No.	Hexa Tract Size	Grand Total Rep Incidence	Grand Total Tract-size	A SSR Rep Incidence	A SSR Tract-size	C SSR Rep Incidence	C SSR Tract-size
BM2	0	30	213	4	26	1	6
BM3	36	31	257	6	40	3	19
BM4	0	37	270	6	44	0	0
BM5	0	24	171	1	8	1	7
BM6	24	30	274	3	24	1	8
BM7	19	35	324	6	40	0	0
BM8	19	30	250	5	37	0	0
BM9	0	31	252	5	33	0	0
BM10	0	26	189	3	20	1	6
BM11	0	36	254	5	34	2	12
BM12	18	36	273	10	72	3	18
BM13	0	32	266	3	30	3	19
BM14	0	35	263	5	37	0	0
BM15	0	25	176	1	10	1	6
BM16	0	30	231	3	18	1	7
BM17	0	35	273	5	38	4	25
BM18	43	35	304	8	60	0	0
BM19	0	24	176	2	16	1	9
BM20	0	29	214	2	14	0	0
BM21	0	18	147	1	7	2	16
BM22	0	37	285	5	40	0	0
BM23	0	26	195	2	15	1	8
BM24	0	34	273	1	8	0	0
BM25	0	37	281	12	86	3	19
BM26	0	32	226	10	70	2	12
BM27	0	39	302	4	25	1	7
BM28	0	34	256	7	49	1	7
BM29	18	36	285	8	61	3	18
BM30	0	32	252	7	44	1	6
BM31	0	31	222	4	26	0	0
BM32	0	26	184	4	31	0	0
BM33	0	29	174	5	30	0	0
BM34	0	36	288	6	38	0	0
BM35	0	22	164	5	31	2	13
BM36	24	32	238	9	67	1	6
BM37	13	31	244	3	20	0	0
BM38	12	22	154	1	6	2	12
BM89	0	34	292	4	36	3	19
BM90	0	32	260	5	39	3	19

and cSSRs extrac

Genome Serial No.	Hexa Tract Size	Grand Total Rep Incidence	Grand Total Tract-size	A SSR Rep Incidence	A SSR Tract-size	C SSR Rep Incidence	C SSR Tract-size
BM91	0	29	237	3	30	0	0
BM92	0	26	211	4	27	1	7
BM93	0	23	184	3	22	0	0
BM94	19	26	221	2	16	0	0
BM39	0	40	302	8	53	0	0
BM40	0	45	374	8	54	0	0
BM41	0	39	301	9	59	1	6
BM42	0	34	249	10	66	0	0
BM43	0	30	230	7	47	0	0
BM44	0	28	209	2	14	2	12
BM45	0	31	250	5	39	1	7
BM46	0	37	289	5	37	0	0
BM47	0	35	284	4	28	1	6
BM48	0	33	250	6	43	0	0
BM49	0	39	282	11	76	1	6
BM50	0	38	270	4	29	1	6
BM51	0	26	205	3	24	1	6
BM52	0	34	253	4	25	1	6
BM53	0	32	226	3	18	2	12
BM54	0	38	301	10	64	1	6
BM55	0	27	197	4	28	0	0
BM56	18	22	163	4	28	0	0
BM57	0	25	183	4	30	1	6
BM58	18	31	241	5	34	2	12
BM59	0	19	140	1	7	0	0
BM60	0	24	191	4	26	0	0
BM61	0	28	216	6	46	1	7
BM62	0	32	234	9	59	0	0
BM64	19	35	276	4	24	1	6
BM65	35	47	405	7	44	0	0
BM66	0	25	192	6	44	2	13
BM67	0	40	341	9	61	0	0
BM68	0	46	389	9	57	0	0
BM69	0	37	279	5	35	0	0
BM70	0	32	230	6	38	1	6
BM95	102	37	347	4	26	1	6
BM96	0	24	159	5	35	0	0
BM71	0	25	191	2	13	1	8
BM72	0	31	232	3	20	0	0

and cSSRs extrac

Genome Serial No.	Hexa Tract Size	Grand Total Rep Incidence	Grand Total Tract-size	A SSR Rep Incidence	A SSR Tract-size	C SSR Rep Incidence	C SSR Tract-size
BM73	0	26	188	5	32	0	0
BM74	0	26	195	2	12	0	0
BM75	0	21	176	2	12	3	19
BM76	0	21	138	2	13	5	32
BM77	0	24	176	1	6	5	30
BM78	0	21	168	2	15	2	13
BM79	0	33	258	2	13	0	0
BM80	0	18	140	2	12	0	0
BM81	0	20	158	1	6	4	24
BM82	0	21	150	2	12	1	6
BM83	0	29	215	1	6	6	41
BM84	0	31	212	3	21	3	19
BM85	19	56	490	13	103	6	38
BM86	0	27	203	2	13	1	6
BM87	0	21	173	3	19	0	0
BM88	0	39	342	6	47	0	0
BM97	0	38	285	3	23	0	0
BM98	0	31	254	3	25	1	6
BM99	0	45	347	7	49	2	13
BM100	18	27	208	7	56	0	0

and cSSRs extrac

Genome Serial No.	G SSR Rep Incidence	G SSR Tract-size	T SSR Rep Incidence	T SSR Tract-size	SSR AT%	SSR GC%	AT/TA Rep incidence	AT/TA Tract Size
BM2	3	27	4	25	60.71428571	39.28571429	1	6
BM3	3	18	6	39	68.10344828	31.89655172	0	0
BM4	1	6	7	46	93.75	6.25	2	12
BM5	1	8	8	59	81.70731707	18.29268293	2	12
BM6	1	6	8	59	85.56701031	14.43298969	3	20
BM7	2	15	7	46	85.14851485	14.85148515	3	18
BM8	2	13	6	38	85.22727273	14.77272727	1	6
BM9	2	12	9	62	88.78504673	11.21495327	2	12
BM10	2	13	5	33	73.61111111	26.38888889	5	35
BM11	2	12	11	70	81.25	18.75	3	18
BM12	2	12	4	27	76.74418605	23.25581395	4	24
BM13	3	21	9	71	71.63120567	28.36879433	1	6
BM14	1	6	8	50	93.5483871	6.451612903	5	30
BM15	2	12	8	55	78.31325301	21.68674699	4	24
BM16	1	7	7	48	82.5	17.5	3	18
BM17	3	20	10	65	69.59459459	30.40540541	1	6
BM18	4	24	11	76	85	15	1	6
BM19	1	6	4	25	73.21428571	26.78571429	1	6
BM20	1	6	4	25	86.66666667	13.33333333	4	24
BM21	2	12	2	14	42.85714286	57.14285714	1	6
BM22	3	19	10	72	85.49618321	14.50381679	3	18
BM23	1	6	8	50	82.27848101	17.72151899	1	6
BM24	0	0	9	54	100	0	4	29
BM25	2	12	2	14	76.33587786	23.66412214	4	29
BM26	2	12	4	26	80	20	3	18
BM27	3	18	10	61	77.47747748	22.52252252	5	35
BM28	2	12	13	86	87.66233766	12.33766234	2	17
BM29	2	12	7	49	78.57142857	21.42857143	1	6
BM30	1	7	8	67	89.51612903	10.48387097	6	38
BM31	1	6	11	75	94.39252336	5.607476636	4	24
BM32	2	13	5	33	83.11688312	16.88311688	4	24
BM33	0	0	9	54	100	0	3	18
BM34	1	6	9	60	94.23076923	5.769230769	2	17
BM35	1	6	3	20	72.85714286	27.14285714	4	24
BM36	0	0	4	24	93.81443299	6.18556701	3	18
BM37	4	34	2	13	49.25373134	50.74626866	1	11
BM38	0	0	3	19	67.56756757	32.43243243	2	14
BM89	3	21	9	76	73.68421053	26.31578947	1	6
BM90	2	15	8	65	75.36231884	24.63768116	0	0

and cSSRs extrac

Genome Serial No.	G SSR Rep Incidence	G SSR Tract-size	T SSR Rep Incidence	T SSR Tract-size	SSR AT%	SSR GC%	AT/TA Rep incidence	AT/TA Tract Size
BM91	4	24	6	46	76	24	2	12
BM92	2	13	5	31	74.35897436	25.64102564	0	0
BM93	2	12	3	21	78.18181818	21.81818182	2	12
BM94	1	9	4	26	82.35294118	17.64705882	2	12
BM39	2	15	12	74	89.43661972	10.56338028	3	18
BM40	1	6	8	53	94.69026549	5.309734513	4	26
BM41	0	0	7	54	94.95798319	5.042016807	5	30
BM42	0	0	10	64	100	0	4	34
BM43	0	0	7	46	100	0	1	6
BM44	4	25	11	72	69.91869919	30.08130081	2	12
BM45	2	12	6	37	80	20	5	34
BM46	1	6	10	64	94.39252336	5.607476636	1	6
BM47	2	12	4	24	74.28571429	25.71428571	3	20
BM48	0	0	9	63	100	0	5	35
BM49	1	7	13	90	92.73743017	7.262569832	5	34
BM50	0	0	10	64	93.93939394	6.060606061	6	36
BM51	0	0	9	64	93.61702128	6.382978723	3	20
BM52	1	6	9	57	87.23404255	12.76595745	4	24
BM53	1	6	12	89	85.6	14.4	5	30
BM54	0	0	10	63	95.4887218	4.511278195	0	0
BM55	0	0	8	52	100	0	2	12
BM56	2	14	4	25	79.10447761	20.89552239	4	24
BM57	0	0	2	16	88.46153846	11.53846154	1	6
BM58	2	13	7	44	75.72815534	24.27184466	1	6
BM59	0	0	6	42	100	0	2	12
BM60	0	0	6	45	100	0	2	12
BM61	0	0	6	37	92.22222222	7.777777778	5	30
BM62	0	0	10	68	100	0	3	23
BM64	0	0	9	60	93.33333333	6.666666667	2	14
BM65	1	6	11	76	95.23809524	4.761904762	4	24
BM66	3	18	2	17	66.30434783	33.69565217	1	11
BM67	0	0	6	48	100	0	4	24
BM68	0	0	7	53	100	0	2	14
BM69	1	7	14	91	94.73684211	5.263157895	4	24
BM70	0	0	7	43	93.10344828	6.896551724	4	24
BM95	3	18	13	93	83.21678322	16.78321678	4	32
BM96	3	20	7	42	79.3814433	20.6185567	4	24
BM71	0	0	6	37	86.20689655	13.79310345	4	24
BM72	0	0	8	51	100	0	0	0

and cSSRs extrac

Genome Serial No.	G SSR Rep Incidence	G SSR Tract-size	T SSR Rep Incidence	T SSR Tract-size	SSR AT%	SSR GC%	AT/TA Rep incidence	AT/TA Tract Size
BM73	0	0	11	72	100	0	6	41
BM74	0	0	7	47	100	0	4	26
BM75	0	0	2	13	56.81818182	43.18181818	1	6
BM76	0	0	2	12	43.85964912	56.14035088	4	24
BM77	1	6	4	27	47.82608696	52.17391304	2	12
BM78	0	0	3	18	71.73913043	28.26086957	3	18
BM79	0	0	7	42	100	0	4	24
BM80	1	6	2	13	80.64516129	19.35483871	2	12
BM81	2	14	1	7	25.49019608	74.50980392	3	18
BM82	2	12	1	6	50	50	2	12
BM83	3	19	3	20	30.23255814	69.76744186	3	18
BM84	1	6	5	31	67.53246753	32.46753247	8	48
BM85	6	40	9	97	71.94244604	28.05755396	3	29
BM86	0	0	6	41	90	10	5	32
BM87	0	0	3	20	100	0	4	28
BM88	0	0	13	126	100	0	1	6
BM97	3	22	9	58	78.6407767	21.3592233	3	18
BM98	2	14	6	39	76.19047619	23.80952381	1	6
BM99	5	32	5	37	65.64885496	34.35114504	1	13
BM100	0	0	2	12	100	0	2	12

and cSSRs extrac

Genome Serial No.		CA/AC Rep incidence	CA/AC Tract Size	AG/GA Rep incidence	AG/GA Tract Size	CT/TC Rep incidence	CT/TC Tract Size	GT/TG Rep incidence
BM2	4	24	2	12	4	24	2	
BM3	0	0	2	12	3	20	0	
BM4	2	12	3	18	9	59	1	
BM5	3	18	3	18	1	10	2	
BM6	1	6	2	12	3	20	0	
BM7	1	8	0	0	0	0	2	
BM8	2	16	7	42	0	0	0	
BM9	0	0	1	6	3	24	1	
BM10	2	12	0	0	3	18	1	
BM11	0	0	1	8	3	18	1	
BM12	1	6	4	24	0	0	1	
BM13	0	0	2	12	3	18	1	
BM14	0	0	1	6	5	34	2	
BM15	0	0	1	6	4	26	0	
BM16	3	22	2	16	2	16	2	
BM17	1	6	0	0	2	14	1	
BM18	0	0	1	6	2	14	0	
BM19	1	6	4	24	3	18	2	
BM20	4	24	2	12	3	18	1	
BM21	1	6	3	18	1	6	1	
BM22	1	6	0	0	6	36	1	
BM23	0	0	0	0	5	32	2	
BM24	1	6	0	0	4	26	3	
BM25	2	12	4	24	1	6	0	
BM26	0	0	4	24	2	12	1	
BM27	0	0	3	18	2	12	1	
BM28	1	6	1	6	1	6	1	
BM29	0	0	2	17	2	12	2	
BM30	1	6	1	6	2	17	0	
BM31	1	6	1	6	1	6	1	
BM32	1	6	1	6	4	24	2	
BM33	1	6	1	6	5	30	0	
BM34	3	18	3	18	1	6	0	
BM35	0	0	1	6	0	0	2	
BM36	1	6	5	30	3	18	2	
BM37	2	12	2	12	6	36	3	
BM38	4	24	1	6	3	18	2	
BM89	0	0	2	12	3	18	1	
BM90	0	0	1	6	6	36	0	

and cSSRs extrac

Genome Serial No.		CA/AC Rep incidence		CA/AC Tract Size		AG/GA Rep incidence		AG/GA Tract Size		CT/TC Rep incidence		CT/TC Tract Size		GT/TG Rep incidence
BM91	1		6		1		6		4		26		1	
BM92	0		0		0		0		1		6		1	
BM93	0		0		2		12		3		18		1	
BM94	1		6		2		16		3		18		0	
BM39	1		6		2		12		2		12		2	
BM40	2		12		2		12		3		18		2	
BM41	1		6		4		28		2		12		3	
BM42	1		6		1		6		4		24		0	
BM43	3		18		1		10		2		12		2	
BM44	1		6		0		0		1		6		0	
BM45	1		6		1		6		2		12		0	
BM46	2		12		1		6		9		54		1	
BM47	1		6		6		36		4		24		0	
BM48	2		12		3		18		1		6		1	
BM49	1		6		0		0		2		12		1	
BM50	5		30		1		6		1		6		3	
BM51	3		18		0		0		1		6		0	
BM52	2		12		1		6		2		12		1	
BM53	3		18		0		0		2		12		2	
BM54	2		12		0		0		2		12		2	
BM55	4		26		0		0		3		20		1	
BM56	1		6		1		6		2		12		1	
BM57	4		24		3		20		3		18		1	
BM58	1		6		3		18		3		18		2	
BM59	1		6		1		6		3		20		1	
BM60	0		0		3		23		2		12		1	
BM61	0		0		1		6		1		6		0	
BM62	4		24		0		0		2		12		0	
BM64	4		24		2		12		3		23		2	
BM65	2		17		1		6		3		18		1	
BM66	3		23		1		8		3		18		1	
BM67	4		24		1		6		2		12		1	
BM68	6		38		2		12		2		12		2	
BM69	2		12		0		0		1		6		0	
BM70	1		6		2		12		2		12		3	
BM95	4		24		0		0		1		6		1	
BM96	0		0		0		0		3		18		0	
BM71	4		24		0		0		1		6		1	
BM72	4		24		1		6		6		41		2	

and cSSRs extrac

Genome Serial No.		CA/AC Rep incidence	CA/AC Tract Size	AG/GA Rep incidence	AG/GA Tract Size	CT/TC Rep incidence	CT/TC Tract Size	GT/TG Rep incidence
BM73	0	0	0	0	0	0	1	
BM74	2	12	1	8	2	16	1	
BM75	0	0	3	20	1	6	1	
BM76	0	0	1	8	2	12	1	
BM77	3	22	0	0	1	6	1	
BM78	1	6	0	0	2	12	0	
BM79	2	12	0	0	6	36	2	
BM80	0	0	0	0	1	6	1	
BM81	1	8	2	12	1	6	0	
BM82	0	0	2	12	3	18	1	
BM83	3	18	1	8	1	6	2	
BM84	1	6	1	8	3	18	1	
BM85	2	12	5	30	4	24	0	
BM86	3	20	1	8	1	6	1	
BM87	1	6	0	0	2	12	0	
BM88	1	6	3	23	4	24	2	
BM97	2	12	5	30	3	18	1	
BM98	2	12	3	18	3	18	2	
BM99	1	6	4	24	5	30	4	
BM100	4	24	4	29	1	6	1	

and cSSRs extrac

Genome Serial No.	GT/TG Tract Size	CG/GC Rep incidence	CG/GC Tract Size	DI Total Rep incidence	DI Total Tract Size	MONO CDS	DI CDS	TRI CDS	TETRA CDS
BM2	12	0	0	13	78	7	11	3	0
BM3	0	0	0	5	32	12	4	3	0
BM4	6	1	6	18	113	7	14	5	0
BM5	12	1	8	12	78	8	8	0	1
BM6	0	0	0	9	58	8	7	6	0
BM7	12	1	6	7	44	8	5	7	1
BM8	0	0	0	10	64	12	9	4	1
BM9	6	0	0	7	48	14	6	5	2
BM10	6	0	0	11	71	8	8	2	0
BM11	6	1	6	9	56	14	7	5	0
BM12	6	0	0	10	60	13	8	3	1
BM13	6	0	0	7	42	12	6	4	1
BM14	12	0	0	13	82	10	11	4	1
BM15	0	0	0	9	56	6	8	3	0
BM16	12	0	0	12	84	11	10	5	1
BM17	6	0	0	5	32	20	3	6	0
BM18	0	0	0	4	26	18	3	4	1
BM19	12	0	0	11	66	5	9	3	0
BM20	6	0	0	14	84	4	12	5	0
BM21	8	0	0	7	44	6	6	3	1
BM22	6	0	0	11	66	11	10	6	1
BM23	17	0	0	8	55	8	8	2	0
BM24	20	1	6	13	87	9	12	6	3
BM25	0	0	0	11	71	12	9	3	2
BM26	6	0	0	10	60	11	9	3	1
BM27	10	0	0	11	75	13	11	7	1
BM28	6	0	0	6	41	16	6	3	1
BM29	12	1	6	8	53	17	5	7	0
BM30	0	0	0	10	67	15	8	4	0
BM31	6	0	0	8	48	14	8	5	1
BM32	12	0	0	12	72	10	11	3	0
BM33	0	0	0	10	60	13	9	4	0
BM34	0	0	0	9	59	12	8	6	0
BM35	12	0	0	7	42	7	6	3	1
BM36	12	0	0	14	84	8	13	1	0
BM37	20	0	0	14	91	6	7	6	1
BM38	14	0	0	12	76	3	9	2	1
BM89	6	0	0	7	42	13	6	4	1
BM90	0	0	0	7	42	11	7	5	0

and cSSRs extrac

Genome Serial No.	GT/TG Tract Size	CG/GC Rep incidence	CG/GC Tract Size	DI Total Rep incidence	DI Total Tract Size	MONO CDS	DI CDS	TRI CDS	TETRA CDS
BM91	10	0	0	9	60	7	8	5	2
BM92	6	2	14	4	26	11	2	6	2
BM93	6	0	0	8	48	4	8	4	0
BM94	0	1	6	9	58	5	6	6	0
BM39	12	0	0	10	60	17	9	5	1
BM40	12	1	6	14	86	10	10	11	0
BM41	23	0	0	15	99	15	12	4	0
BM42	0	0	0	10	70	16	9	4	0
BM43	12	0	0	9	58	9	9	3	1
BM44	0	0	0	4	24	14	3	4	0
BM45	0	1	6	10	64	10	8	3	0
BM46	6	0	0	14	84	11	13	7	0
BM47	0	0	0	14	86	9	10	8	0
BM48	6	0	0	12	77	12	11	4	1
BM49	6	0	0	9	58	21	7	4	0
BM50	18	0	0	16	96	12	11	5	2
BM51	0	0	0	7	44	11	7	4	2
BM52	6	1	6	11	66	10	10	7	0
BM53	12	0	0	12	72	12	9	1	0
BM54	12	0	0	6	36	19	5	8	2
BM55	6	0	0	10	64	10	9	4	1
BM56	6	0	0	9	54	7	7	1	1
BM57	6	1	6	13	80	7	12	4	1
BM58	12	0	0	10	60	12	6	2	0
BM59	6	0	0	8	50	3	5	2	1
BM60	6	1	6	9	59	6	7	4	1
BM61	0	0	0	7	42	9	6	5	1
BM62	0	0	0	9	59	16	9	4	0
BM64	16	0	0	13	89	11	10	6	0
BM65	6	1	6	12	77	13	11	10	1
BM66	6	0	0	9	66	9	8	2	0
BM67	10	0	0	12	76	10	11	11	0
BM68	12	0	0	14	88	12	12	11	1
BM69	0	0	0	7	42	17	6	8	1
BM70	18	0	0	12	72	9	12	3	1
BM95	6	0	0	10	68	19	8	2	1
BM96	0	1	6	8	48	11	7	1	0
BM71	6	0	0	10	60	7	9	3	1
BM72	12	0	0	13	83	10	9	6	0

and cSSRs extrac

Genome Serial No.	GT/TG Tract Size	CG/GC Rep incidence	CG/GC Tract Size	DI Total Rep incidence	DI Total Tract Size	MONO CDS	DI CDS	TRI CDS	TETRA CDS
BM73	6	0	0	7	47	15	6	2	1
BM74	6	0	0	10	68	8	7	7	0
BM75	13	2	19	8	64	4	3	6	0
BM76	6	2	12	10	60	7	9	2	0
BM77	6	1	6	8	52	9	5	5	0
BM78	0	1	6	7	42	5	4	4	1
BM79	14	1	13	15	99	8	11	6	2
BM80	6	2	12	6	36	4	5	2	2
BM81	0	0	0	7	44	6	6	5	0
BM82	6	2	14	10	62	5	9	2	1
BM83	16	1	8	11	72	9	8	2	1
BM84	6	1	6	15	90	11	10	3	1
BM85	0	0	0	14	95	17	12	5	2
BM86	6	0	0	11	70	7	7	6	1
BM87	0	1	6	8	52	5	6	5	1
BM88	12	2	12	13	83	3	11	4	2
BM97	6	1	6	15	90	12	10	8	0
BM98	21	0	0	11	75	9	9	7	1
BM99	26	0	0	15	99	13	11	10	1
BM100	6	1	6	13	83	0	12	3	0

and cSSRs extrac

Genome Serial No.	PENTA CDS	HEXA CDS	CDS Total	VP1	VP2	VP4	VP1/VP2	VP1/VP3	VP2/VP3	VP1/VP2/VP3	LTA	STA	LTA/STA	LTA/PALTA	LTA/ALTO	LTA/MTA
BM2	0	0	21	5	3	0					8	4	1			
BM3	2	1	22	5	1	0					11	0	5			
BM4	0	0	26	5	1	0			4		11	3	2			
BM5	0	0	17	1	6	0					8	1	1			
BM6	0	1	22	6	3	0					10	3				
BM7	1	1	23	4	2	0			1		15	1				
BM8	0	0	26	7	2	0					13	2	2			
BM9	0	0	27	1	2	0			1	2	17	4	0			
BM10	0	0	18	3	4	0			0	0	8	2	1			
BM11	0	0	26	4	2	0			2	0	14	2	2			
BM12	0	1	26	6	1	0			0	0	14	3	2			
BM13	0	0	23	5	1	0			4	0	10	1	2			
BM14	1	0	27	5	1	0			1	0	12	1	0			
BM15	0	0	17	2	4	0					7	2	2			
BM16	0	0	27	8	1	0			2		10	2	4			
BM17	0	0	29	6	3	0			1	2	15	2				
BM18	0	1	27	3	4	0	2				13	3	2			
BM19	0	0	17	1	1	0	0		2	0	7	0				6
BM20	0	0	21	5	1	0					11	1	3			
BM21	0	0	16	2	0	0	0		2	0	6	0				4
BM22	0	0	28	7	2	0			2		13	4				
BM23	0	0	18	3	0	0	0		2	0	13	0	0			0
BM24	0	0	30	5	3	0	0		1	1	17	3	0			0
BM25	0	0	26	3	1	0	0	1	2	0	17	1	1			
BM26	0	0	24	5	1	0				1	13	2	2			
BM27	0	0	32	7	5	0	2	0	0	0	15	1	2			
BM28	0	0	26	2	6	0	2				12	2	2			
BM29	0	1	30	6	6	0	2				10	3	3			
BM30	1	0	28	2	4	0	3				13	3	3			
BM31	0	0	28	5	3	0			1	2	9	6	2			
BM32	0	0	24	8	2	0				1	12	1				
BM33	0	0	26	6	2	0					14	2	2			
BM34	0	0	26	4	0	0			3	2	12	5				
BM35	0	0	17	4	0	0			2		9	1	1			
BM36	1	0	23	4	1	0			4		0	2	12			
BM37	0	0	20	5	3	0	1				11	0				
BM38	0	0	15	5	0	0					4	0				6
BM89	1	0	25	5	2	0			4		11	0	3			
BM90	0	0	23	4	1	0			5		11	0	2			

and cSSRs extrac

Genome Serial No.	PENTA CDS	HEXA CDS	CDS Total	VP1	VP2	VP4	VP1/VP2	VP1/VP3	VP2/VP3	VP1/VP2/VP3	LTA	STA	LTA/STA	LTA/PALTA	LTA/ALTO	LTA/MTA
BM91	0	0	22	3	1	0			2		14	1	1			
BM92	0	0	21	5	0	0					9	2	5			
BM93	1	0	17	4	0	0					6	4	3			
BM94	0	1	18	2	0	0			3		8	2	1	2		
BM39	0	0	32	4	10	0	1				16	1				
BM40	0	0	31	6	2	0	1				18	2	2			
BM41	0	0	31	6	3	0	3				15	3	1			
BM42	0	0	29	5	7	0					11	3	1			
BM43	0	0	22	4	2	0				1	11	1	1			
BM44	0	0	21	2	0	0			2		12	3	2			
BM45	3	0	24	3	6	0					9	5	1			
BM46	0	0	31	5	2	0	2				15	4	3			
BM47	0	0	27	3	1	0			6	2	13	2				
BM48	0	0	28	3	2	0			2		18	1	1			
BM49	0	0	32	0	0	0					0	0				
BM50	0	0	30	4	0	0			2	2	17	4	1			
BM51	0	0	24	2	0	0			4		13	2	3			
BM52	0	0	27	2	3	0			1	2	14	0	2			3
BM53	0	0	22	5	0	0			2		14	0	1			
BM54	0	0	34	5	3	0					15	5				
BM55	0	0	24	1	2	0			1		16	2	1			
BM56	0	1	17	4	1	0			1		10	0	1			
BM57	0	0	24	5	1	0			2	1	8	3	4			
BM58	1	1	22	3	0	0			2	3	11	2	1			
BM59	0	0	11	2	1	0			1		6	1				
BM60	0	0	18	4	0	0			2		9	2	1			
BM61	0	0	21	3	0	0			6	2	9	0	1			
BM62	0	0	29	3	3	0			3	1	16	0	2			
BM64	0	0	27	2	1	0			6	2	10	4	2			
BM65	0	2	37	4	0	0			6	2	19	4	2			
BM66	0	0	19	3	3	0	1				9	2	1			
BM67	1	0	33	6	3	0			2	2	17	1	1			
BM68	2	0	38	6	5	0	2				21	1	3			
BM69	0	0	32	1	2	0			2	2	19	3	3			
BM70	0	0	25	3	3	0			3		13	1	1			
BM95	0	3	33	4	2	0			1		21	2	2			
BM96	0	0	19	3	1	0			1		8	2	2	2		
BM71	0	0	20	6	3	0			1	1	6	1	2			
BM72	0	0	25	5	1	0			2	1	12	3	1			

and cSSRs extrac

Genome Serial No.	PENTA CDS	HEXA CDS	CDS Total	VP1	VP2	VP4	VP1/VP2	VP1/VP3	VP2/VP3	VP1/VP2/VP3	LTA	STA	LTA/STA	LTA/PALTA	LTA/ALTO	LTA/MTA
BM73	0	0	24	3	2	0			4		9	5	1			
BM74	0	0	22	2	2	0			1		11	0				2
BM75	0	0	13	3	0	0					1	0	1			
BM76	0	0	18	5	0	0			3		6	2	1			
BM77	0	0	19	4	1	0			1		9	1				
BM78	1	0	15	2	1	1			3	1	6	1				
BM79	0	0	27	3	1	0			5	1	9	0	6			
BM80	0	0	13	1	1	0			2	2	3	1				
BM81	0	0	17	4	1	0			1		9	0	2			
BM82	0	0	17	4	1	0			2	1	5	2				
BM83	1	0	21	5	0	0			3		8	3	2			
BM84	0	0	25	3	0	0			5	4	10	3				
BM85	0	1	37	7	12	0	3				15	0				
BM86	0	0	21	1	1	0					14	3	2			
BM87	0	0	17	2	3	0					10	2				
BM88	0	1	21	0	8	0					12	0				
BM97	0	0	30	1	2	0			4		17	4	2			
BM98	0	0	26	0	1	0			1		7	1				
BM99	0	0	35	6	7	0					15	0				
BM100	0	0	15	1	5	0					9	0				

and cSSRs extrac										
Genome Serial No.	LTA/STA/MTA	STA/MTA	LTA/ATA	LTA/STA/ATA	STA/ATA	AgP	AGNO/VP2	LTA/MTA/ALTO	ORF-X	putative protein 2
BM2						0			0	0
BM3						0			0	0
BM4						0			0	0
BM5						0			0	0
BM6						0			0	0
BM7						0			0	0
BM8						0			0	0
BM9						0			0	0
BM10						0			0	0
BM11						0			0	0
BM12						0			0	0
BM13						0			0	0
BM14				4	2	1 0			0	0
BM15						0			0	0
BM16						0			0	0
BM17						0			0	0
BM18						0			0	0
BM19						0			0	0
BM20						0			0	0
BM21		1	1			0			0	0
BM22						0			0	0
BM23		0	0	0	0	0 0			0	0
BM24		0	0	0	0	0 0			0	0
BM25						0			0	0
BM26						0			0	0
BM27						0			0	0
BM28						0			0	0
BM29						0			0	0
BM30						0			0	0
BM31						0			0	0
BM32						0			0	0
BM33						0			0	0
BM34						0			0	0
BM35						0			0	0
BM36						0			0	0
BM37						0			0	0
BM38						0			0	0
BM89						0			0	0
BM90						0			0	0

and cSSRs extrac										
Genome Serial No.	LTA/STA/MTA	STA/MTA	LTA/ATA	LTA/STA/ATA	STA/ATA	AgP	AGNO/VP2	LTA/MTA/ALTO	ORF-X	putative protein 2
BM91						0			0	0
BM92						0			0	0
BM93						0			0	0
BM94						0			0	0
BM39						0			0	0
BM40						0			0	0
BM41						0			0	0
BM42						2			0	0
BM43						2			0	0
BM44						0			0	0
BM45						0			0	0
BM46						0			0	0
BM47						0			0	0
BM48						1			0	0
BM49						0			0	0
BM50						0			0	0
BM51						0			0	0
BM52						0			0	0
BM53						0			0	0
BM54						2			0	0
BM55						1			0	0
BM56						0			0	0
BM57						0			0	0
BM58						0			0	0
BM59						0			0	0
BM60						0			0	0
BM61						0			0	0
BM62						1			0	0
BM64						0			0	0
BM65						0			0	0
BM66						0			0	0
BM67						1			0	0
BM68						0			0	0
BM69						0			0	0
BM70						1			0	0
BM95						0	1		0	0
BM96						0	0		0	0
BM71						0			0	0
BM72						0			0	0

and cSSRs extrac

Genome Serial No.	LTA/STA/MTA	STA/MTA	LTA/ATA	LTA/STA/ATA	STA/ATA	AgP	AGNO/VP2	LTA/MTA/ALTO	ORF-X	putative protein 2
BM73						0			0	0
BM74	1	3				0			0	0
BM75						0			4	3
BM76						0			0	0
BM77						0			3	0
BM78						0			0	0
BM79						0			2	0
BM80						0			3	0
BM81						0			0	0
BM82									2	0
BM83						0			0	0
BM84						0			0	0
BM85						0			0	0
BM86						0			0	0
BM87						0			0	0
BM88						0			0	0
BM97						0			0	0
BM98	3	2				0		3	0	0
BM99						0			0	0
BM100						0			0	0

and cSSRs extrac									
Genome Serial No.	putative protein 2/putative protein 3	agnoprotein 1a/1b/2a/2b	Cys-pro leader peptide	ORF1	ORF2	MCP	VP2/HP	VP1/VP2/HP	HP
BM2				0	0	0	0		0
BM3				0	0	0	0		0
BM4				0	0	0	0		0
BM5				0	0	0	0		0
BM6				0	0	0	0		0
BM7				0	0	0	0		0
BM8				0	0	0	0		0
BM9				0	0	0	0		0
BM10				0	0	0	0		0
BM11				0	0	0	0		0
BM12				0	0	0	0		0
BM13				0	0	0	0		0
BM14				0	0	0	0		0
BM15				0	0	0	0		0
BM16				0	0	0	0		0
BM17				0	0	0	0		0
BM18				0	0	0	0		0
BM19				0	0	0	0		0
BM20				0	0	0	0		0
BM21				0	0	0	0		0
BM22				0	0	0	0		0
BM23				0	0	0	0		0
BM24				0	0	0	0		0
BM25				0	0	0	0		0
BM26				0	0	0	0		0
BM27				0	0	0	0		0
BM28				0	0	0	0		0
BM29				0	0	0	0		0
BM30				0	0	0	0		0
BM31				0	0	0	0		0
BM32				0	0	0	0		0
BM33				0	0	0	0		0
BM34				0	0	0	0		0
BM35				0	0	0	0		0
BM36				0	0	0	0		0
BM37				0	0	0	0		0
BM38				0	0	0	0		0
BM89				0	0	0	0		0
BM90				0	0	0	0		0

and cSSRs extrac										
Genome Serial No.	putative protein 2/putative protein 3	agnoprotein 1a/1b/2a/2b	Cys-pro leader peptide	ORF1	ORF2	MCP	VP2/HP	VP1/VP2/HP	HP	
BM91				0	0	0	0			0
BM92				0	0	0	0			0
BM93				0	0	0	0			0
BM94				0	0	0	0			0
BM39				0	0	0	0			0
BM40				0	0	0	0			0
BM41				0	0	0	0			0
BM42				0	0	0	0			0
BM43				0	0	0	0			0
BM44				0	0	0	0			0
BM45				0	0	0	0			0
BM46				0	0	0	0			0
BM47				0	0	0	0			0
BM48				0	0	0	0			0
BM49				0	0	0	0			32
BM50				0	0	0	0			0
BM51				0	0	0	0			0
BM52				0	0	0	0			0
BM53				0	0	0	0			0
BM54				0	0	0	0	2	1	1
BM55				0	0	0	0			0
BM56				0	0	0	0			0
BM57				0	0	0	0			0
BM58				0	0	0	0			0
BM59				0	0	0	0			0
BM60				0	0	0	0			0
BM61				0	0	0	0			0
BM62				0	0	0	0			0
BM64				0	0	0	0			0
BM65				0	0	0	0			0
BM66				0	0	0	0			0
BM67				0	0	0	0			0
BM68				0	0	0	0			0
BM69				0	0	0	0			0
BM70				0	0	0	0			0
BM95				0	0	0	0			0
BM96				0	0	0	0			0
BM71				0	0	0	0			0
BM72				0	0	0	0			0

and cSSRs extrac										
Genome Serial No.	putative protein 2/putative protein 3	agnoprotein 1a/1b/2a/2b	Cys-pro leader peptide	ORF1	ORF2	MCP	VP2/HP	VP1/VP2/HP	HP
BM73				0	0	0	0			0
BM74				0	0	0	0			0
BM75	1			0	0	0	0			0
BM76		1		0	0	0	0			0
BM77				0	0	0	0			0
BM78				0	0	0	0			0
BM79				0	0	0	0			0
BM80				0	0	0	0			0
BM81				0	0	0	0			0
BM82				0	0	0	0			0
BM83				0	0	0	0			0
BM84				0	0	0	0			0
BM85				0	0	0	0			0
BM86				0	0	0	0			0
BM87				0	0	0	0			0
BM88				1	0	0	0			0
BM97				0	0	0	0			0
BM98				0	0	0	8			0
BM99				0	5	2	0			0
BM100				0	0	0	0			0

and cSSRs extrac

Genome Serial No.	FINAL PROTEIN TOTAL	MONO NCS	DI NCS	TRI NCS	TETRA NCS	PENTA NCS	HEXA NCS	NCS Total
BM2	21	5	2	2	0	0	0	9
BM3	22	6	1	1	0	0	1	9
BM4	26	7	4	0	0	0	0	11
BM5	17	3	4	0	0	0	0	7
BM6	22	5	2	1	0	0	0	8
BM7	23	7	2	3	0	0	0	12
BM8	26	1	1	1	0	0	1	4
BM9	27	2	1	1	0	0	0	4
BM10	18	3	3	2	0	0	0	8
BM11	26	6	2	2	0	0	0	10
BM12	26	6	2	2	0	0	0	10
BM13	23	6	1	1	0	1	0	9
BM14	27	4	2	1	1	0	0	8
BM15	17	6	1	1	0	0	0	8
BM16	27	1	2	0	0	0	0	3
BM17	29	2	2	1	0	1	0	6
BM18	27	5	1	1	0	0	1	8
BM19	17	3	2	1	1	0	0	7
BM20	21	3	2	1	2	0	0	8
BM21	16	1	1	0	0	0	0	2
BM22	28	7	1	1	0	0	0	9
BM23	18	4	0	3	1	0	0	8
BM24	30	1	1	1	1	0	0	4
BM25	26	7	2	2	0	0	0	11
BM26	24	7	1	0	0	0	0	8
BM27	32	5	0	2	0	0	0	7
BM28	26	7	0	1	0	0	0	8
BM29	30	3	3	0	0	0	0	6
BM30	28	2	2	0	0	0	0	4
BM31	28	2	0	1	0	0	0	3
BM32	24	1	1	0	0	0	0	2
BM33	26	1	1	1	0	0	0	3
BM34	26	4	1	2	3	0	0	10
BM35	17	4	1	0	0	0	0	5
BM36	23	6	1	2	0	0	0	9
BM37	20	3	7	1	0	0	0	11
BM38	15	3	3	1	0	0	0	7
BM89	25	6	1	1	1	0	0	9
BM90	23	7	2	0	0	0	0	9

and cSSRs extrac

Genome Serial No.	FINAL PROTEIN TOTAL	MONO NCS	DI NCS	TRI NCS	TETRA NCS	PENTA NCS	HEXA NCS	NCS Total
BM91	22	6	1	0	0	0	0	7
BM92	21	1	2	2	0	0	0	5
BM93	17	4	0	2	0	0	0	6
BM94	18	2	3	3	0	0	0	8
BM39	32	5	1	1	1	0	0	8
BM40	31	7	4	2	1	0	0	14
BM41	31	2	3	2	1	0	0	8
BM42	29	4	1	0	0	0	0	5
BM43	22	5	0	2	1	0	0	8
BM44	21	5	1	1	0	0	0	7
BM45	24	4	2	1	0	0	0	7
BM46	31	5	1	0	0	0	0	6
BM47	27	2	4	2	0	0	0	8
BM48	28	3	1	1	0	0	0	5
BM49	32	5	2	0	0	0	0	7
BM50	30	3	5	0	0	0	0	8
BM51	24	2	0	0	0	0	0	2
BM52	27	5	1	1	0	0	0	7
BM53	22	6	3	0	1	0	0	10
BM54	34	2	1	1	0	0	0	4
BM55	24	2	1	0	0	0	0	3
BM56	17	3	2	0	0	0	0	5
BM57	24	0	1	0	0	0	0	1
BM58	22	4	4	0	1	0	0	9
BM59	11	4	3	1	0	0	0	8
BM60	18	4	2	0	0	0	0	6
BM61	21	4	1	2	0	0	0	7
BM62	29	3	0	0	0	0	0	3
BM64	27	3	3	0	1	0	1	8
BM65	37	6	1	2	1	0	0	10
BM66	19	4	1	1	0	0	0	6
BM67	33	5	1	1	0	0	0	7
BM68	38	4	2	1	0	1	0	8
BM69	32	3	1	1	0	0	0	5
BM70	25	5		2	0	0	0	7
BM95	33	2	2	0	0	0	0	4
BM96	19	4	1	0	0	0	0	5
BM71	20	2	1	1	0	1	0	5
BM72	25	1	4	1	0	0	0	6

and cSSRs extrac

Genome Serial No.	FINAL PROTEIN TOTAL	MONO NCS	DI NCS	TRI NCS	TETRA NCS	PENTA NCS	HEXA NCS	NCS Total
BM73	24	1	1	0	0	0	0	2
BM74	22	1	3	0	0	0	0	4
BM75	13	3	5	0	0	0	0	8
BM76	18	2	1	0	0	0	0	3
BM77	19	2	3	0	0	0	0	5
BM78	15	2	3	1	0	0	0	6
BM79	27	1	4	0	1	0	0	6
BM80	13	1	1	3	0	0	0	5
BM81	17	2	1	0	0	0	0	3
BM82	17	1	1	2	0	0	0	4
BM83	21	4	3	1	0	0	0	8
BM84	25	1	5	0	0	0	0	6
BM85	37	17	2	0	0	0	0	19
BM86	21	2	4	0	0	0	0	6
BM87	17	1	2	1	0	0	0	4
BM88	21	16	2	0	0	0	0	18
BM97	30	3	5	0	0	0	0	8
BM98	26	3	2	0	0	0	0	5
BM99	35	6	4	0	0	0	0	10
BM100	15	9	1	1	0	0	1	12

S3: Raw data for distribution of SSRs found in the Polyomaviridae genomes.

Genome Serial No.

BM2

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	23	28	NCS
2	CCT	3	3	10	137	146	NCS
3	A	1	8	8	198	205	NCS
4	T	1	6	6	490	495	NCS
5	CTG	3	3	9	672	680	VP2
6	AT	2	3	6	988	993	VP2
7	AG	2	3	6	1010	1015	VP2
8	C	1	6	6	1224	1229	NCS
9	A	1	6	6	1398	1403	NCS
10	AGA	3	4	12	1405	1416	NCS
11	G	1	7	7	1527	1533	VP1
12	A	1	6	6	1841	1846	VP1
13	AC	2	3	6	1995	2000	VP1
14	TG	2	3	6	2235	2240	VP1
15	CA	2	3	6	2522	2527	VP1
16	AG	2	3	6	2584	2589	NCS
17	TTC	3	3	9	2676	2684	LTA
18	T	1	7	7	3052	3058	LTA
19	T	1	6	6	3331	3336	LTA
20	CT	2	3	6	3504	3509	LTA
21	AC	2	3	6	3567	3572	LTA
22	AGT	3	4	11	4071	4081	LTA
23	G	1	8	8	4194	4201	LTA
24	G	1	12	12	4226	4237	LTA
25	CT	2	3	6	4344	4349	NCS
26	CT	2	3	6	4562	4567	STA
27	TG	2	3	6	4572	4577	STA
28	T	1	6	6	4646	4651	STA
29	AC	2	3	6	4691	4696	STA
30	TC	2	3	6	4829	4834	STA, LTA

BM3

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	67	76	NCS
2	A	1	6	6	125	130	NCS
3	A	1	10	10	302	311	NCS
4	GA	2	3	6	422	427	NCS
5	CTG	3	3	10	1105	1114	VP2
6	A	1	6	6	1359	1364	VP1
7	G	1	6	6	1661	1666	VP1
8	G	1	6	6	1699	1704	VP1
9	A	1	6	6	2299	2304	VP1
10	C	1	7	7	2308	2314	VP1
11	C	1	6	6	2409	2414	NCS
12	T	1	6	6	2472	2477	NCS
13	TTCATC	6	3	18	2497	2514	LTA
14	T	1	6	6	2724	2729	LTA
15	T	1	8	8	2866	2873	LTA
16	AATAT	5	3	15	3178	3192	LTA
17	A	1	6	6	3295	3300	LTA
18	TCT	3	4	12	3803	3814	LTA
19	AG	2	3	6	3946	3951	LTA
20	T	1	6	6	3983	3988	LTA
21	G	1	6	6	4183	4188	LTA
22	TCT	3	4	12	4271	4282	LTA
23	CT	2	3	6	4363	4368	LTA
24	T	1	7	7	4444	4450	NCS
25	A	1	6	6	4462	4467	NCS
26	TGCAAG	6	3	18	4671	4688	NCS
27	AATTC	5	3	14	4814	4827	LTA, STA
28	T	1	6	6	4866	4871	LTA, STA
29	C	1	6	6	4879	4884	LTA, STA
30	CT	2	3	6	4911	4916	LTA, STA
31	TC	2	4	8	4990	4997	LTA, STA

BM4

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CT	2	3	6	1	6	NCS

2	T	1	6	6	6	11	NCS
3	GC	2	3	6	84	89	NCS
4	CT	2	3	6	136	141	NCS
5	A	1	8	8	152	159	NCS
6	GT	2	3	6	328	333	NCS
7	T	1	7	7	405	411	NCS
8	A	1	7	7	432	438	NCS
9	T	1	7	7	683	689	NCS
10	T	1	7	7	691	697	NCS
11	CT	2	6	11	865	875	VP2
12	AT	2	3	6	1093	1098	VP2, VP3
13	T	1	6	6	1293	1298	VP2, VP3
14	TC	2	3	6	1318	1323	VP2, VP3
15	AGA	3	4	12	1595	1606	VP2, VP3
16	A	1	7	7	1990	1996	VP1
17	CA	2	3	6	2101	2106	VP1
18	AAT	3	4	11	2419	2429	VP1
19	AG	2	3	6	2474	2479	VP1
20	A	1	6	6	2687	2692	VP1
21	A	1	6	6	2749	2754	LTA
22	AGG	3	5	15	2893	2907	LTA
23	CT	2	3	6	3013	3018	LTA
24	TC	2	3	6	3025	3030	LTA
25	G	1	6	6	3263	3268	LTA
26	AT	2	3	6	3665	3670	LTA
27	T	1	7	7	3783	3789	LTA
28	T	1	6	6	4332	4337	LTA
29	TAG	3	4	11	4341	4351	LTA
30	CA	2	3	6	4366	4371	LTA
31	TC	2	3	6	4550	4555	LTA
32	A	1	10	10	4596	4605	NCS
33	TC	2	3	6	4686	4691	STA
34	GCA	3	4	12	4846	4857	STA
35	GA	2	3	6	4920	4925	STA
36	AG	2	3	6	5118	5123	LTA, STA
37	CT	2	3	6	5164	5169	LTA, STA

BM5

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	TG	2	3	6	6	11	NCS
2	T	1	12	12	96	107	NCS
3	CT	2	5	10	163	172	NCS
4	AG	2	3	6	186	191	NCS
5	A	1	8	8	221	228	NCS
6	CG	2	4	8	478	485	NCS
7	T	1	6	6	509	514	NCS
8	T	1	6	6	550	555	VP2
9	GTAT	4	3	11	731	741	VP2
10	AT	2	3	6	869	874	VP2
11	GA	2	3	6	1026	1031	VP2
12	AG	2	3	6	1060	1065	VP2
13	GT	2	3	6	1339	1344	VP2
14	CA	2	3	6	2421	2426	VP1
15	C	1	7	7	2821	2827	LTA
16	T	1	7	7	3186	3192	LTA
17	T	1	7	7	3203	3209	LTA
18	AT	2	3	6	3471	3476	LTA
19	T	1	7	7	3480	3486	LTA
20	T	1	7	7	3804	3810	LTA
21	CA	2	3	6	4008	4013	LTA
22	G	1	8	8	4345	4352	LTA
23	AC	2	3	6	4846	4851	STA
24	T	1	7	7	5162	5168	LTA, STA

BM6

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AG	2	3	6	49	54	NCS
2	CCT	3	3	10	94	103	NCS
3	CT	2	4	8	141	148	NCS
4	A	1	12	12	153	164	NCS
5	T	1	7	7	278	284	NCS
6	T	1	8	8	323	330	NCS
7	T	1	7	7	369	375	NCS

8	T	1	9	9	414	422	NCS
9	G	1	6	6	427	432	VP2
10	ACT	3	4	12	479	490	VP2
11	CT	2	3	6	512	517	VP2
12	TC	2	3	6	1485	1490	VP1
13	A	1	6	6	1784	1789	VP1
14	AT	2	3	6	2189	2194	VP1
15	CCCCAG	6	4	24	2328	2351	VP1
16	CTC	3	4	13	2377	2389	VP1
17	CTC	3	8	24	2443	2466	VP1
18	T	1	6	6	2706	2711	LTA
19	T	1	6	6	2949	2954	LTA
20	GA	2	3	6	3359	3364	LTA
21	ACT	3	4	12	3558	3569	LTA
22	A	1	6	6	3959	3964	LTA
23	TA	2	4	8	3986	3993	LTA
24	AT	2	3	6	4379	4384	LTA
25	C	1	8	8	4570	4577	LTA
26	TGC	3	4	12	4654	4665	LTA
27	TCT	3	4	12	4714	4725	LTA
28	T	1	6	6	4856	4861	STA
29	CA	2	3	6	5014	5019	STA
30	T	1	10	10	5030	5039	STA

BM7

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	20	25	NCS
2	TA	2	3	6	37	42	NCS
3	GC	2	3	6	53	58	NCS
4	CCT	3	3	10	82	91	NCS
5	A	1	9	9	141	149	NCS
6	T	1	8	8	243	250	NCS
7	T	1	7	7	297	303	NCS
8	AGG	3	3	10	313	322	NCS
9	T	1	6	6	341	346	NCS
10	AATTT	5	3	14	970	983	VP2
11	A	1	6	6	1061	1066	VP2
12	A	1	7	7	1103	1109	VP2, VP1
13	CTAC	4	3	12	1403	1414	VP1
14	AT	2	3	6	2227	2232	VP1
15	CTC	3	5	15	2424	2438	VP1
16	CTC	3	4	13	2460	2472	VP1
17	A	1	6	6	2541	2546	NCS
18	A	1	6	6	2564	2569	NCS
19	ATTTCC	6	3	19	2575	2593	LTA
20	TCT	3	4	12	2594	2605	LTA
21	TCT	3	5	15	2609	2623	LTA
22	T	1	6	6	2980	2985	LTA
23	AC	2	4	8	3103	3110	LTA
24	T	1	6	6	3260	3265	LTA
25	TG	2	3	6	3561	3566	LTA
26	T	1	6	6	3709	3714	LTA
27	GT	2	3	6	4091	4096	LTA
28	AGG	3	4	11	4138	4148	LTA
29	G	1	6	6	4169	4174	LTA
30	ATC	3	3	9	4339	4347	LTA
31	G	1	9	9	4351	4359	LTA
32	AT	2	3	6	4378	4383	LTA
33	TGC	3	9	27	4469	4495	LTA
34	TCC	3	4	12	4706	4717	NCS
35	T	1	7	7	5023	5029	STA

BM8

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CT	2	3	6	54	59	NCS
2	CCT	3	3	10	62	71	NCS
3	A	1	9	9	121	129	NCS
4	TAATTT	6	3	19	372	390	NCS
5	CT	2	3	6	411	416	VP2
6	TC	2	3	6	528	533	VP2
7	A	1	6	6	1114	1119	VP1
8	A	1	8	8	1261	1268	VP1
9	G	1	7	7	1549	1555	VP1

10	A	1	6	6	2007	2012	VP1
11	GCA	3	4	12	2221	2232	VP1
12	AAAT	4	3	12	2279	2290	VP1
13	TC	2	3	6	2534	2539	VP1
14	T	1	6	6	2705	2710	LTA
15	G	1	6	6	2952	2957	LTA
16	TC	2	3	6	3025	3030	LTA
17	CA	2	3	6	3111	3116	LTA
18	AT	2	3	6	3366	3371	LTA
19	T	1	6	6	3506	3511	LTA
20	A	1	8	8	3528	3535	LTA
21	AC	2	5	10	3585	3594	LTA
22	T	1	7	7	4119	4125	LTA
23	CTT	3	5	14	4192	4205	LTA
24	TC	2	3	6	4214	4219	LTA
25	TC	2	3	6	4369	4374	LTA
26	AGG	3	7	21	4376	4396	LTA
27	CTA	3	3	10	4600	4609	STA
28	T	1	7	7	4685	4691	STA
29	T	1	6	6	5004	5009	STA, LTA
30	T	1	6	6	5136	5141	STA, LTA

BM9

S.No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CT	2	4	8	114	121	NCS
2	GAG	3	4	12	131	142	NCS
3	A	1	6	6	175	180	NCS
4	T	1	6	6	460	465	NCS
5	G	1	6	6	493	498	VP2
6	T	1	8	8	759	766	VP2
7	AG	2	3	6	1265	1270	VP2, VP3
8	AGA	3	4	13	1428	1440	VP1, VP2, VP3
9	A	1	7	7	1476	1482	VP1, VP2, VP3
10	GT	2	3	6	1865	1870	VP1
11	T	1	6	6	2837	2842	LTA
12	A	1	7	7	3186	3192	LTA
13	T	1	7	7	3257	3263	LTA
14	GGTT	4	3	12	3265	3276	LTA
15	TC	2	5	10	3365	3374	LTA
16	T	1	7	7	3505	3511	LTA
17	T	1	7	7	3586	3592	LTA
18	CAA	3	3	10	3641	3650	LTA
19	TA	2	3	6	3797	3802	LTA
20	AT	2	3	6	4026	4031	LTA
21	A	1	6	6	4033	4038	LTA
22	ATAC	4	3	12	4083	4094	LTA
23	CTT	3	4	11	4110	4120	LTA
24	G	1	6	6	4137	4142	LTA
25	TCT	3	4	12	4213	4224	LTA
26	AGG	3	5	15	4236	4250	LTA
27	CT	2	3	6	4338	4343	LTA
28	T	1	6	6	4640	4645	STA
29	T	1	9	9	4649	4657	STA
30	T	1	6	6	4746	4751	STA
31	A	1	7	7	4803	4809	STA

BM10

Sl.No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	135	144	NCS
2	AGA	3	4	13	151	163	NCS
3	CT	2	3	6	181	186	NCS
4	A	1	7	7	197	203	NCS
5	GT	2	3	6	227	232	NCS
6	CA	2	3	6	386	391	NCS
7	A	1	6	6	432	437	NCS
8	T	1	6	6	491	496	NCS
9	TCT	3	4	11	527	537	VP2
10	AT	2	3	6	985	990	VP2
11	AGG	3	4	12	1220	1231	VP2
12	C	1	6	6	1251	1256	VP2
13	G	1	6	6	1521	1526	VP1
14	T	1	8	8	1898	1905	VP1
15	A	1	7	7	1999	2005	VP1

16	CT	2	3	6	2690	2695	LTA
17	AT	2	3	6	3452	3457	LTA
18	T	1	6	6	3505	3510	LTA
19	AC	2	3	6	3595	3600	LTA
20	T	1	6	6	3603	3608	LTA
21	TA	2	3	6	4077	4082	LTA
22	TA	2	6	11	4137	4147	LTA
23	G	1	7	7	4223	4229	LTA
24	T	1	7	7	4672	4678	STA
25	TA	2	3	6	4691	4696	STA
26	CT	2	3	6	5052	5057	STA, LTA

BM11

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GA	2	4	8	8	15	NCS
2	CT	2	3	6	94	99	NCS
3	A	1	8	8	153	160	NCS
4	T	1	7	7	221	227	NCS
5	T	1	7	7	266	272	NCS
6	T	1	7	7	321	327	NCS
7	GGC	3	3	9	339	347	NCS
8	T	1	7	7	366	372	NCS
9	AGG	3	3	10	382	391	NCS
10	G	1	6	6	435	440	VP2
11	T	1	6	6	451	456	VP2
12	GC	2	3	6	767	772	VP2, VP3
13	A	1	7	7	911	917	VP2, VP3
14	A	1	6	6	1184	1189	VP1
15	TA	2	3	6	1998	2003	VP1
16	AT	2	3	6	2186	2191	VP1
17	AT	2	3	6	2233	2238	VP1
18	A	1	7	7	2351	2357	NC
19	TTC	3	3	9	2390	2398	LTA
20	C	1	6	6	2419	2424	LTA
21	ATA	3	3	9	2572	2580	LTA
22	TCT	3	4	12	2603	2614	LTA
23	T	1	6	6	2753	2758	LTA
24	TC	2	3	6	2808	2813	LTA
25	TC	2	3	6	3179	3184	LTA
26	TCT	3	3	9	3199	3207	LTA
27	TG	2	3	6	3349	3354	LTA
28	T	1	6	6	3502	3507	LTA
29	C	1	6	6	3698	3703	LTA
30	T	1	6	6	3772	3777	LTA
31	TCT	3	4	12	3968	3979	LTA
32	G	1	6	6	4116	4121	LTA
33	T	1	6	6	4781	4786	STA
34	T	1	6	6	4879	4884	STA
35	A	1	6	6	5248	5253	STA, LTA
36	T	1	6	6	5259	5264	STA, LTA

BM12

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AG	2	3	6	24	29	LTA, STA
2	A	1	7	7	103	109	LTA, STA
3	T	1	6	6	305	310	STA
4	A	1	7	7	413	419	STA
5	A	1	6	6	509	514	STA
6	AT	2	3	6	590	595	NCS
7	TA	2	3	6	681	686	LTA
8	CA	2	3	6	969	974	LTA
9	C	1	6	6	1063	1068	LTA
10	C	1	6	6	1093	1098	LTA
11	CCCT	4	3	11	1209	1219	LTA
12	G	1	6	6	1237	1242	LTA
13	AG	2	3	6	1312	1317	LTA
14	TA	2	3	6	1373	1378	LTA
15	AGGAAA	6	3	18	1688	1705	LTA
16	T	1	6	6	1883	1888	LTA
17	A	1	7	7	2001	2007	LTA
18	A	1	8	8	2099	2106	LTA
19	TTG	3	4	12	2300	2311	LTA

20	GAG	3	5	14	2788	2801	LTA
21	TTG	3	3	10	2852	2861	NCS
22	AG	2	3	6	3365	3370	VP1
23	G	1	6	6	3542	3547	VP1
24	AG	2	3	6	3692	3697	VP1
25	GT	2	3	6	3747	3752	VP1
26	AGA	3	3	10	3880	3889	VP1
27	T	1	6	6	4048	4053	VP1
28	C	1	6	6	4782	4787	VP2
29	TCC	3	3	9	4826	4834	NCS
30	A	1	8	8	4846	4853	NCS
31	A	1	9	9	4887	4895	NCS
32	A	1	7	7	4937	4943	NCS
33	A	1	7	7	4984	4990	NCS
34	TA	2	3	6	4999	5004	NCS
35	T	1	9	9	5118	5126	NCS
36	A	1	6	6	5173	5178	NCS

BM13

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	T	1	7	7	67	73	NCS
2	A	1	10	10	116	125	NCS
3	TG	2	3	6	183	188	NCS
4	AAC	3	3	9	320	328	NCS
5	T	1	11	11	343	353	NCS
6	A	1	13	13	358	370	NCS
7	T	1	12	12	436	447	NCS
8	TGC	3	4	11	725	735	VP2
9	ACT	3	3	10	899	908	VP2, VP3
10	C	1	6	6	1095	1100	VP2, VP3
11	GA	2	3	6	1167	1172	VP2, VP3
12	A	1	7	7	1371	1377	VP2, VP3
13	T	1	6	6	1392	1397	NCS
14	AATT	4	3	11	1472	1482	VP1
15	C	1	6	6	1641	1646	VP1
16	C	1	7	7	2099	2105	VP1
17	TC	2	3	6	2190	2195	VP1
18	GA	2	3	6	2452	2457	VP1
19	T	1	8	8	2613	2620	LTA
20	G	1	6	6	2811	2816	LTA
21	T	1	7	7	2864	2870	LTA
22	T	1	6	6	2880	2885	LTA
23	T	1	7	7	3158	3164	LTA
24	TCA	3	3	10	3175	3184	LTA
25	T	1	7	7	4008	4014	LTA
26	G	1	7	7	4129	4135	LTA
27	G	1	8	8	4171	4178	LTA
28	TCC	3	4	12	4194	4205	LTA
29	TAAAT	5	4	20	4425	4444	NCS
30	AT	2	3	6	4763	4768	STA
31	CT	2	3	6	4821	4826	STA, LTA
32	TC	2	3	6	5004	5009	STA, LTA

BM14

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	TC	2	4	8	67	74	NCS
2	GCCT	4	3	11	105	115	NCS
3	A	1	12	12	127	138	NCS
4	TTA	3	3	10	218	227	NCS
5	T	1	6	6	388	393	NCS
6	T	1	6	6	531	536	VP2
7	GT	2	3	6	657	662	VP2, VP3
8	TG	2	3	6	1113	1118	VP1
9	GGA	3	3	10	1496	1505	VP1
10	CAGTA	5	3	14	1852	1865	VP1
11	A	1	6	6	2024	2029	VP1
12	AT	2	3	6	2183	2188	VP1
13	AT	2	3	6	2538	2543	NCS
14	T	1	6	6	2731	2736	LTA
15	G	1	6	6	2923	2928	LTA
16	T	1	7	7	2957	2963	LTA
17	TC	2	3	6	2996	3001	LTA
18	A	1	6	6	3085	3090	LTA

19	AT	2	3	6	3225	3230	LTA
20	AGTT	4	3	11	3253	3263	LTA
21	AT	2	3	6	3337	3342	LTA
22	CT	2	3	6	3406	3411	LTA
23	TAA	3	3	9	3424	3432	LTA
24	T	1	6	6	3682	3687	LTA
25	TA	2	3	6	3987	3992	LTA
26	T	1	6	6	4089	4094	LTA, ATA
27	TCT	3	4	11	4162	4172	LTA, ATA
28	CT	2	4	8	4183	4190	LTA, ATA
29	GAG	3	4	12	4367	4378	LTA, ATA
30	A	1	7	7	4510	4516	NCS
31	A	1	6	6	4532	4537	NCS
32	TC	2	3	6	4641	4646	STA
33	T	1	7	7	4705	4711	STA, ATA
34	AG	2	3	6	4933	4938	STA, ATA, LTA
35	T	1	6	6	4954	4959	STA, ATA, LTA

BM15

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	T	1	6	6	119	124	NCS
2	CT	2	4	8	154	161	NCS
3	T	1	8	8	161	168	NCS
4	A	1	10	10	213	222	NCS
5	T	1	7	7	331	337	NCS
6	T	1	7	7	373	379	NCS
7	T	1	8	8	401	408	NCS
8	AGG	3	3	10	418	427	VP2
9	G	1	6	6	467	472	VP2
10	CT	2	3	6	746	751	VP2
11	GCA	3	3	9	1073	1081	VP2
12	AT	2	3	6	1124	1129	VP2
13	AT	2	3	6	2221	2226	VP1
14	CAG	3	3	9	2324	2332	VP1
15	TC	2	3	6	3331	3336	LTA
16	TA	2	3	6	3972	3977	LTA
17	T	1	6	6	4043	4048	LTA
18	C	1	6	6	4108	4113	LTA
19	AGG	3	3	9	4161	4169	LTA
20	G	1	6	6	4255	4260	LTA
21	AT	2	3	6	4702	4707	LTA
22	T	1	6	6	4874	4879	STA
23	T	1	7	7	4969	4975	STA
24	AG	2	3	6	5348	5353	STA, LTA
25	CT	2	3	6	5355	5360	STA, LTA

BM16

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	26	31	NCS
2	CA	2	5	10	207	216	NCS
3	AGC	3	4	12	505	516	VP2
4	TAGA	4	3	12	988	999	VP2, VP3
5	A	1	6	6	1122	1127	VP2, VP3
6	GA	2	3	6	1570	1575	VP1
7	CT	2	3	6	1691	1696	VP1
8	ATG	3	3	10	1725	1734	VP1
9	CA	2	3	6	1886	1891	VP1
10	A	1	6	6	1970	1975	VP1
11	GA	2	5	10	2201	2210	VP1
12	AT	2	3	6	2378	2383	VP1
13	C	1	7	7	2411	2417	VP1
14	TA	2	3	6	2508	2513	NC
15	TTC	3	4	12	2567	2578	LTA
16	CAA	3	3	9	2750	2758	LTA
17	T	1	7	7	3229	3235	LTA
18	T	1	6	6	3475	3480	LTA
19	T	1	6	6	3554	3559	LTA
20	GT	2	3	6	3824	3829	LTA
21	TA	2	3	6	3979	3984	LTA
22	T	1	7	7	4082	4088	LTA
23	G	1	7	7	4095	4101	LTA
24	TCT	3	4	12	4154	4165	LTA
25	AC	2	3	6	4604	4609	STA

26	T	1	9	9	4732	4740	STA
27	T	1	6	6	4881	4886	STA, LTA
28	T	1	7	7	4926	4932	STA, LTA
29	TG	2	3	6	5117	5122	STA, LTA
30	CT	2	5	10	5197	5206	STA, LTA

BM17

Sl.No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AAGTT	5	3	14	42	55	NCS
2	CT	2	4	8	110	117	NCS
3	A	1	9	9	168	176	NCS
4	GT	2	3	6	339	344	NCS
5	G	1	8	8	505	512	VP2
6	GCT	3	4	12	608	619	VP2
7	T	1	6	6	773	778	VP2
8	GAA	3	4	12	1430	1441	VP2, VP3
9	C	1	6	6	1447	1452	VP2, VP3, VP1
10	A	1	8	8	1487	1494	VP2, VP3, VP1
11	AC	2	3	6	1768	1773	VP1
12	G	1	6	6	1844	1849	VP1
13	AT	2	3	6	1853	1858	VP1
14	CTA	3	4	13	1960	1972	VP1
15	C	1	7	7	2146	2152	VP1
16	C	1	6	6	2534	2539	VP1
17	GAA	3	4	11	2611	2621	NCS
18	TC	2	3	6	2725	2730	LTA
19	T	1	6	6	2841	2846	LTA
20	T	1	6	6	2859	2864	LTA
21	T	1	8	8	3001	3008	LTA
22	TCA	3	4	11	3111	3121	LTA
23	A	1	6	6	3208	3213	LTA
24	T	1	6	6	3281	3286	LTA
25	T	1	6	6	3315	3320	LTA
26	T	1	7	7	3608	3614	LTA
27	T	1	6	6	4032	4037	LTA
28	A	1	6	6	4097	4102	LTA
29	G	1	6	6	4159	4164	LTA
30	TCA	3	3	9	4271	4279	LTA
31	C	1	6	6	4357	4362	LTA
32	T	1	6	6	4376	4381	LTA
33	A	1	9	9	4440	4448	NCS
34	T	1	8	8	4611	4618	STA
35	TGC	3	4	11	4636	4646	STA

BM18

Sl.No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	9	14	NCS
2	CT	2	4	8	115	122	NCS
3	GAG	3	3	12	132	143	NCS
4	A	1	6	6	174	179	NCS
5	T	1	6	6	481	486	NCS
6	G	1	6	6	518	523	VP2
7	T	1	8	8	784	791	VP2
8	TTA	3	3	10	931	940	VP2
9	G	1	6	6	961	966	VP2
10	AGA	3	4	13	1438	1450	VP2, VP1
11	A	1	6	6	1491	1496	VP2, VP1
12	TAAT	4	3	13	1659	1671	VP1
13	AT	2	3	6	1860	1865	VP1
14	G	1	6	6	1926	1931	VP1
15	TATTGT	6	3	19	2575	2593	NCS
16	A	1	6	6	2596	2601	NCS
17	TC	2	3	6	2721	2726	LTA
18	T	1	6	6	2855	2860	LTA
19	T	1	6	6	2997	3002	LTA
20	T	1	7	7	3275	3281	LTA
21	T	1	7	7	3523	3529	LTA
22	T	1	8	8	3603	3610	LTA
23	A	1	6	6	4093	4098	LTA
24	T	1	8	8	4128	4135	LTA
25	CTCTGG	6	4	24	4204	4227	LTA

26	G	1	6	6	4244	4249	LTA
27	TCT	3	4	12	4273	4284	LTA
28	GTG	3	5	15	4292	4306	LTA
29	A	1	6	6	4349	4354	LTA
30	A	1	17	17	4493	4509	NCS
31	T	1	8	8	4672	4679	STA
32	T	1	6	6	4705	4710	STA
33	A	1	7	7	4835	4841	STA
34	T	1	6	6	4992	4997	STA, LTA
35	GA	2	3	6	5001	5006	STA, LTA

BM19

Sl.No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AG	2	3	6	35	40	NCS
2	GAG	3	4	12	77	88	NCS
3	CA	2	3	6	145	150	NCS
4	GCAA	4	3	11	179	189	NCS
5	G	1	6	6	782	787	NCS
6	T	1	6	6	822	827	NCS
7	ATC	3	3	9	1007	1015	MTA, LTA
8	C	1	9	9	1047	1055	MTA, LTA
9	AG	2	3	6	1183	1188	MTA, LTA
10	CCA	3	3	10	1190	1199	MTA, LTA
11	AGG	3	4	12	1199	1210	MTA, LTA
12	T	1	6	6	1423	1428	MTA, LTA
13	TG	2	3	6	1677	1682	LTA
14	A	1	8	8	1753	1760	LTA
15	AG	2	3	6	2063	2068	LTA
16	A	1	8	8	2216	2223	LTA
17	GA	2	3	6	2456	2461	LTA
18	T	1	7	7	2558	2564	LTA
19	TC	2	3	6	2736	2741	LTA
20	TG	2	3	6	3933	3938	VP1
21	AT	2	3	6	4419	4424	VP2, VP3
22	CT	2	3	6	4437	4442	VP2, VP3
23	TC	2	3	6	4822	4827	VP2
24	T	1	6	6	5343	5348	NCS

BM20

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	T	1	7	7	71	77	NCS
2	A	1	7	7	122	128	NCS
3	AAGC	4	3	12	348	359	NCS
4	AAG	3	3	9	411	419	NCS
5	AT	2	3	6	456	461	NCS
6	AG	2	3	6	1089	1094	VP2
7	TAC	3	3	9	1285	1293	VP1
8	AC	2	3	6	1557	1562	VP1
9	CA	2	3	6	1594	1599	VP1
10	G	1	6	6	1648	1653	VP1
11	AT	2	3	6	2263	2268	VP1
12	AT	2	3	6	2353	2358	NCS
13	TCT	3	4	12	2414	2425	LTA
14	CT	2	3	6	2533	2538	LTA
15	T	1	6	6	2637	2642	LTA
16	CA	2	3	6	2740	2745	LTA
17	CT	2	3	6	3239	3244	LTA
18	TAA	3	3	9	3247	3255	LTA
19	AAT	3	3	10	3433	3442	LTA
20	AG	2	3	6	3771	3776	LTA
21	TG	2	3	6	4144	4149	LTA
22	TCT	3	4	12	4151	4162	LTA
23	TA	2	3	6	4227	4232	LTA
24	A	1	7	7	4299	4305	NCS
25	ACTA	4	3	12	4309	4320	NCS
26	AC	2	3	6	4493	4498	STA
27	T	1	6	6	4749	4754	LTA, STA
28	T	1	6	6	4783	4788	LTA, STA
29	TC	2	3	6	4894	4899	LTA, STA

BM21

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AG	2	3	6	38	43	NCS
2	G	1	6	6	245	250	LTA, MTA, STA
3	AG	2	3	6	568	573	MTA, STA
4	GAA	3	4	12	1056	1067	LTA, MTA
5	C	1	7	7	1108	1114	LTA, MTA
6	GGA	3	7	21	1160	1180	LTA, MTA
7	C	1	9	9	1241	1249	LTA, MTA
8	G	1	6	6	1591	1596	LTA
9	AGC	3	3	10	2031	2040	LTA
10	GA	2	3	6	2105	2110	LTA
11	TC	2	3	6	2345	2350	LTA
12	A	1	7	7	2535	2541	LTA
13	TG	2	4	8	2576	2583	LTA
14	T	1	6	6	3383	3388	VP1
15	CCTT	4	3	11	3518	3528	VP1
16	CA	2	3	6	4536	4541	VP2, VP3
17	TA	2	3	6	4626	4631	VP2, VP3
18	T	1	8	8	5283	5290	NCS

BM22

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GAG	3	3	9	25	33	NCS
2	A	1	7	7	84	90	NCS
3	CT	2	3	6	103	108	NCS
4	A	1	12	12	162	173	NCS
5	T	1	7	7	243	249	NCS
6	T	1	6	6	287	292	NCS
7	T	1	8	8	332	339	NCS
8	T	1	7	7	375	381	NCS
9	T	1	12	12	420	431	NCS
10	G	1	6	6	438	443	VP2
11	CT	2	3	6	523	528	VP2
12	ATA	3	4	12	953	964	VP2, VP3
13	AT	2	3	6	1092	1097	VP2, VP3
14	TG	2	3	6	1157	1162	VP1
15	G	1	7	7	1220	1226	VP1
16	TGA	3	3	10	1431	1440	VP1
17	CT	2	3	6	1507	1512	VP1
18	A	1	6	6	1702	1707	VP1
19	AT	2	3	6	2209	2214	VP1
20	CCT	3	4	12	2378	2389	VP1
21	TC	2	3	6	2601	2606	LTA
22	TCT	3	4	12	2702	2713	LTA
23	G	1	6	6	2834	2839	LTA
24	T	1	6	6	2867	2872	LTA
25	T	1	8	8	3346	3353	LTA
26	T	1	6	6	3599	3604	LTA
27	TA	2	3	6	3682	3687	LTA
28	A	1	7	7	3868	3874	LTA
29	T	1	6	6	3999	4004	LTA
30	CT	2	3	6	4134	4139	LTA
31	CTC	3	3	9	4157	4165	LTA
32	CT	2	3	6	4310	4315	LTA
33	TCA	3	4	12	4515	4526	LTA
34	T	1	6	6	4660	4665	STA
35	CCAC	4	3	12	4667	4678	STA
36	CA	2	3	6	4808	4813	STA
37	A	1	8	8	4862	4869	STA

BM23

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	6	15	NCS
2	CCT	3	3	10	68	77	NCS
3	T	1	7	7	77	83	NCS
4	CCT	3	3	9	113	121	NCS
5	A	1	8	8	127	134	NCS
6	T	1	7	7	451	457	NCS
7	TC	2	3	6	903	908	VP2, VP3
8	G	1	6	6	1065	1070	VP2, VP3
9	TG	2	3	6	1183	1188	VP1
10	AT	2	3	6	2262	2267	VP1
11	C	1	8	8	2296	2303	VP1

12	TAAA	4	3	11	2343	2353	NCS
13	T	1	6	6	2494	2499	LTA
14	AAG	3	3	9	2543	2551	LTA
15	CT	2	3	6	2580	2585	LTA
16	T	1	6	6	2602	2607	LTA
17	TC	2	3	6	2784	2789	LTA
18	T	1	6	6	3147	3152	LTA
19	CT	2	3	6	3204	3209	LTA
20	T	1	6	6	3946	3951	LTA
21	CT	2	4	8	3979	3986	LTA
22	GT	2	6	11	4010	4020	LTA
23	ACG	3	4	12	4033	4044	LTA
24	A	1	7	7	4312	4318	NCS
25	T	1	6	6	4807	4812	LTA
26	T	1	6	6	4893	4898	LTA

BM24

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GC	2	3	6	26	31	NCS
2	CCT	3	3	10	69	78	NCS
3	GCCT	4	3	11	106	116	NCS
4	A	1	8	8	130	137	NCS
5	TG	2	4	8	272	279	VP2
6	T	1	6	6	367	372	VP2
7	T	1	6	6	502	507	VP2
8	CT	2	3	6	931	936	VP2, VP3
9	TG	2	3	6	1060	1065	VP1, VP2, VP3,
10	TG	2	3	6	1087	1092	VP1
11	GAA	3	4	12	1648	1659	VP1
12	GAA	3	4	13	2098	2110	VP1
13	AGAT	4	3	12	2155	2166	VP1
14	ACC	3	4	11	2434	2444	VP1
15	T	1	6	6	2664	2669	LTA
16	AAT	3	3	10	2740	2749	LTA
17	T	1	6	6	2802	2807	LTA
18	AT	2	3	6	2883	2888	LTA
19	TC	2	3	6	2984	2989	LTA
20	T	1	6	6	3028	3033	LTA
21	AT	2	3	6	3213	3218	LTA
22	AT	2	6	11	3322	3332	LTA
23	CT	2	3	6	3394	3399	LTA
24	T	1	6	6	3537	3542	LTA
25	CA	2	3	6	3556	3561	LTA
26	CTG	3	4	12	3621	3632	LTA
27	ATAA	4	3	12	3688	3699	LTA
28	CCT	3	3	9	3872	3880	LTA
29	TA	2	3	6	3975	3980	LTA
30	T	1	6	6	4077	4082	LTA
31	CT	2	4	8	4171	4178	LTA
32	AGAA	4	3	12	4638	4649	STA
33	T	1	6	6	4933	4938	STA
34	T	1	6	6	5065	5070	STA

BM25

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	7	7	103	109	LTA, STA
2	A	1	7	7	413	419	STA
3	TA	2	3	6	667	672	LTA
4	G	1	6	6	773	778	LTA
5	CCT	3	4	13	1058	1070	LTA
6	C	1	6	6	1088	1093	LTA
7	C	1	7	7	1203	1209	LTA
8	G	1	6	6	1235	1240	LTA
9	A	1	6	6	1300	1305	LTA
10	TA	2	6	11	1402	1412	LTA
11	AG	2	3	6	1447	1452	LTA
12	TGTA	4	3	11	1579	1589	LTA
13	TA	2	3	6	1614	1619	LTA
14	CA	2	3	6	1842	1847	LTA
15	AG	2	3	6	2011	2016	LTA
16	TGC	3	3	9	2197	2205	LTA
17	A	1	8	8	2421	2428	LTA
18	GA	2	3	6	2551	2556	LTA

19	AGA	3	3	9	2782	2790	LTA
20	TA	2	3	6	3006	3011	VP1
21	A	1	6	6	3247	3252	VP1
22	T	1	6	6	3840	3845	VP1
23	CA	2	3	6	4068	4073	VP1, VP3
24	ACTG	4	3	12	4267	4278	VP2, VP3
25	A	1	6	6	4461	4466	VP2, VP3
26	C	1	6	6	4805	4810	VP2
27	A	1	9	9	4817	4825	NCS
28	CTC	3	4	11	4848	4858	NCS
29	A	1	7	7	4869	4875	NCS
30	A	1	8	8	4900	4907	NCS
31	TC	2	3	6	4921	4926	NCS
32	A	1	7	7	4950	4956	NCS
33	A	1	7	7	4993	4999	NCS
34	CTC	3	5	14	5014	5027	NCS
35	T	1	8	8	5109	5116	NCS
36	A	1	8	8	5164	5171	NCS
37	GA	2	3	6	5172	5177	NCS

BM26

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AG	2	3	6	24	29	LTA, STA
2	A	1	7	7	103	109	LTA, STA
3	A	1	7	7	413	419	STA
4	A	1	6	6	509	514	STA
5	TA	2	3	6	681	686	LTA
6	C	1	6	6	1093	1098	LTA
7	CCCT	4	3	11	1212	1222	LTA
8	G	1	6	6	1243	1248	LTA
9	A	1	6	6	1308	1313	LTA
10	GA	2	3	6	1319	1324	LTA
11	A	1	6	6	1448	1453	LTA
12	AT	2	3	6	1621	1626	LTA
13	A	1	8	8	2105	2112	LTA
14	GA	2	3	6	2559	2564	LTA
15	AGA	3	4	12	2590	2601	LTA
16	TAT	3	4	11	2622	2632	LTA
17	TC	2	3	6	2831	2836	LTA
18	T	1	8	8	2902	2909	NCS
19	T	1	6	6	2960	2965	VP1
20	G	1	6	6	3003	3008	VP1
21	TA	2	3	6	3281	3286	VP1
22	CT	2	3	6	3551	3556	VP1
23	GT	2	3	6	3806	3811	VP1
24	GCT	3	4	12	4126	4137	VP1, VP2, VP3
25	C	1	6	6	4841	4846	VP2
26	A	1	8	8	4905	4912	NCS
27	A	1	7	7	4937	4943	NCS
28	A	1	7	7	4984	4990	NCS
29	T	1	6	6	5120	5125	NCS
30	A	1	8	8	5172	5179	NCS
31	GA	2	3	6	5180	5185	NCS
32	T	1	6	6	5279	5284	NCS

BM27

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	83	92	NCS
2	CCT	3	4	13	122	134	NCS
3	A	1	7	7	146	152	NCS
4	T	1	6	6	335	340	NCS
5	T	1	6	6	392	397	NCS
6	T	1	6	6	410	415	NCS
7	T	1	6	6	563	568	NCS
8	T	1	6	6	778	783	VP2
9	GA	2	3	6	937	942	VP2
10	AT	2	3	6	1045	1050	VP2
11	TA	2	3	6	1197	1202	VP2
12	AG	2	3	6	1223	1228	VP2
13	AGA	3	5	15	1486	1500	VP2, VP1
14	GAG	3	3	9	1516	1524	VP2, VP1
15	TGA	3	4	12	1718	1729	VP1
16	TG	2	5	10	1880	1889	VP1

17	AG	2	3	6	1942	1947	VP1
18	G	1	6	6	2006	2011	VP1
19	C	1	7	7	2257	2263	VP1
20	T	1	6	6	2373	2378	VP1
21	A	1	6	6	2632	2637	VP1
22	TC	2	3	6	2817	2822	LTA
23	T	1	7	7	2971	2977	LTA
24	G	1	6	6	3289	3294	LTA
25	TTGC	4	3	11	3639	3649	LTA
26	T	1	6	6	3997	4002	LTA
27	T	1	6	6	4100	4105	LTA
28	TA	2	3	6	4136	4141	LTA
29	A	1	6	6	4144	4149	LTA
30	TA	2	6	11	4166	4176	LTA
31	GAA	3	4	12	4399	4410	LTA
32	A	1	6	6	4438	4443	LTA
33	GAG	3	4	12	4450	4461	LTA
34	G	1	6	6	4463	4468	LTA
35	TCC	3	4	12	4560	4571	LTA
36	AT	2	3	6	4656	4661	LTA
37	CT	2	3	6	5049	5054	STA
38	GTT	3	3	10	5138	5147	LTA, STA
39	T	1	6	6	5180	5185	LTA, STA

BM28

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	T	1	7	7	20	26	NCS
2	CCT	3	3	10	93	102	NCS
3	A	1	6	6	155	160	NCS
4	T	1	7	7	574	580	NCS
5	T	1	6	6	586	591	NCS
6	GA	2	3	6	958	963	VP2
7	AT	2	3	6	1066	1071	VP2
8	AGA	3	5	15	1504	1518	VP2, VP1
9	GAG	3	4	11	1534	1544	VP2, VP1
10	A	1	7	7	1583	1589	VP1
11	A	1	7	7	1943	1949	VP1
12	A	1	6	6	2097	2102	VP1
13	C	1	7	7	2263	2269	VP1
14	T	1	7	7	2350	2356	VP1
15	T	1	6	6	2379	2384	VP1
16	T	1	8	8	3127	3134	LTA
17	TC	2	3	6	3167	3172	LTA
18	T	1	7	7	3405	3411	LTA
19	T	1	6	6	3727	3732	LTA
20	T	1	6	6	3739	3744	LTA
21	T	1	6	6	4113	4118	LTA
22	TA	2	6	11	4179	4189	LTA
23	G	1	6	6	4342	4347	LTA
24	GAA	3	4	12	4415	4426	LTA
25	A	1	6	6	4454	4459	LTA
26	G	1	6	6	4479	4484	LTA
27	TGGG	4	3	13	4614	4626	LTA
28	A	1	11	11	4691	4701	NCS
29	T	1	6	6	4709	4714	NCS
30	A	1	6	6	4718	4723	NCS
31	GT	2	3	6	4824	4829	STA
32	CA	2	3	6	4927	4932	STA
33	T	1	6	6	5196	5201	STA, LTA
34	T	1	8	8	5317	5324	STA, LTA

BM29

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GA	2	6	11	127	137	NCS
2	A	1	7	7	173	179	NCS
3	A	1	6	6	349	354	NCS
4	GC	2	3	6	464	469	NCS
5	G	1	6	6	495	500	VP2
6	T	1	6	6	763	768	VP2
7	CCT	3	3	10	855	864	VP2
8	CTT	3	3	10	898	907	VP2
9	TTA	3	3	10	908	917	VP2
10	AG	2	3	6	1219	1224	VP2

11	AGA	3	4	13	1424	1436	VP2, VP1
12	A	1	8	8	1480	1487	VP2, VP1
13	A	1	6	6	1609	1614	VP1
14	AT	2	3	6	1846	1851	VP1
15	A	1	6	6	1987	1992	VP1
16	T	1	7	7	2226	2232	VP1
17	TC	2	3	6	2357	2362	VP1
18	C	1	6	6	2527	2532	VP1
19	TG	2	3	6	2577	2582	NCS
20	T	1	7	7	2984	2990	LTA
21	T	1	9	9	3588	3596	LTA
22	CTC	3	3	9	3724	3732	LTA
23	A	1	6	6	3910	3915	LTA
24	TCC	3	4	11	3936	3946	LTA
25	A	1	6	6	4082	4087	LTA
26	GT	2	3	6	4116	4121	LTA
27	G	1	6	6	4144	4149	LTA
28	TCAGGC	6	3	18	4178	4195	LTA
29	C	1	6	6	4321	4326	LTA
30	A	1	16	16	4401	4416	NCS
31	C	1	6	6	4559	4564	STA
32	T	1	8	8	4588	4595	STA
33	CT	2	3	6	4644	4649	STA
34	GAA	3	4	12	4762	4773	STA, LTA
35	T	1	6	6	4841	4846	STA, LTA
36	T	1	6	6	4899	4904	STA, LTA

BM30

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CT	2	6	11	131	141	NCS
2	TA	2	3	6	180	185	NCS
3	A	1	6	6	192	197	NCS
4	T	1	6	6	521	526	VP2
5	T	1	7	7	773	779	VP2
6	AT	2	3	6	982	987	VP2
7	AAGAC	5	3	14	1001	1014	VP2
8	AGA	3	4	11	1422	1432	VP2, VP1
9	C	1	7	7	1436	1442	VP2, VP1
10	A	1	6	6	1476	1481	VP2, VP1
11	G	1	6	6	1899	1904	VP1
12	A	1	6	6	1989	1994	VP1
13	A	1	6	6	2571	2576	NCS
14	AT	2	3	6	2662	2667	LTA
15	TC	2	3	6	3021	3026	LTA
16	AG	2	3	6	3143	3148	LTA
17	A	1	7	7	3188	3194	LTA
18	T	1	8	8	3259	3266	LTA
19	T	1	7	7	3295	3301	LTA
20	T	1	8	8	3582	3589	LTA
21	AAG	3	3	9	3644	3652	LTA
22	A	1	6	6	3837	3842	LTA
23	CA	2	3	6	3968	3973	LTA
24	TA	2	4	8	4027	4034	LTA
25	TA	2	3	6	4060	4065	LTA
26	TTC	3	6	18	4247	4264	LTA
27	T	1	18	18	4554	4571	STA
28	T	1	7	7	4587	4593	STA
29	A	1	7	7	4649	4655	STA
30	AGA	3	3	9	4737	4745	STA, LTA
31	T	1	6	6	4787	4792	STA, LTA
32	AT	2	3	6	4930	4935	STA, LTA

BM31

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	112	121	NCS
2	A	1	6	6	174	179	NCS
3	T	1	6	6	459	464	NCS
4	G	1	6	6	493	498	VP2
5	AT	2	3	6	519	524	VP2
6	T	1	8	8	759	766	VP2
7	TTA	3	3	10	906	915	VP2, VP3
8	AGA	3	4	13	1434	1446	VP2, VP1, VP3
9	A	1	7	7	1482	1488	VP2, VP1, VP3

10	AT	2	3	6	1847	1852	VP1
11	GT	2	3	6	1871	1876	VP1
12	A	1	6	6	1988	1993	VP1
13	CA	2	3	6	2259	2264	VP1
14	AG	2	3	6	2326	2331	VP1
15	T	1	6	6	2843	2848	LTA
16	T	1	7	7	3263	3269	LTA
17	T	1	7	7	3511	3517	LTA
18	T	1	7	7	3592	3598	LTA
19	TA	2	3	6	3636	3641	LTA
20	TA	2	3	6	3803	3808	LTA
21	ATAC	4	3	12	4089	4100	LTA
22	T	1	7	7	4117	4123	LTA
23	AAG	3	3	9	4447	4455	LTA
24	TTA	3	4	12	4649	4660	STA
25	T	1	9	9	4658	4666	STA
26	CTG	3	3	10	4671	4680	STA
27	T	1	6	6	4682	4687	STA
28	T	1	6	6	4755	4760	STA
29	A	1	7	7	4812	4818	STA
30	T	1	6	6	4969	4974	STA, LTA
31	TC	2	3	6	5035	5040	STA, LTA

BM32

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	11	11	119	129	NCS
2	TG	2	3	6	327	332	NCS
3	TC	2	3	6	403	408	VP2
4	T	1	6	6	516	521	VP2
5	TG	2	3	6	1074	1079	VP2, VP3, VP1
6	A	1	6	6	1107	1112	VP1
7	G	1	7	7	1542	1548	VP1
8	T	1	6	6	1716	1721	VP1
9	AT	2	3	6	2112	2117	VP1
10	AT	2	3	6	2159	2164	VP1
11	GCA	3	4	12	2214	2225	VP1
12	A	1	6	6	2469	2474	VP1
13	TC	2	3	6	2533	2538	VP1
14	T	1	7	7	2717	2723	LTA
15	TC	2	3	6	3025	3030	LTA
16	CA	2	3	6	3111	3116	LTA
17	AT	2	3	6	3366	3371	LTA
18	T	1	6	6	3506	3511	LTA
19	A	1	8	8	3528	3535	LTA
20	AG	2	3	6	3583	3588	LTA
21	T	1	8	8	4118	4125	LTA
22	CTT	3	5	14	4192	4205	LTA
23	TC	2	3	6	4214	4219	LTA
24	G	1	6	6	4382	4387	LTA
25	TCT	3	3	9	4491	4499	LTA
26	AT	2	3	6	4656	4661	STA

BM33

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CT	2	3	6	54	59	NCS
2	CCT	3	3	6	62	71	NCS
3	A	1	11	6	119	129	NCS
4	TC	2	3	6	401	406	VP2
5	T	1	6	6	514	519	VP2
6	A	1	6	6	1105	1110	VP1
7	GA	2	3	6	1247	1252	VP1
8	A	1	8	6	1252	1259	VP1
9	T	1	6	6	1714	1719	VP1
10	GCA	3	4	6	2212	2223	VP1
11	TC	2	3	6	2522	2527	VP1
12	T	1	6	6	2694	2699	LTA
13	ATT	3	3	6	2748	2757	LTA
14	TC	2	3	6	3014	3019	LTA
15	T	1	6	6	3058	3063	LTA
16	CA	2	3	6	3100	3105	LTA
17	AT	2	3	6	3355	3360	LTA
18	T	1	6	6	3377	3382	LTA
19	T	1	6	6	3495	3500	LTA

20	A	1	8	6	3517	3524	LTA
21	TA	2	3	6	3631	3636	LTA
22	T	1	8	6	4107	4114	LTA
23	CTT	3	5	6	4181	4194	LTA
24	TC	2	3	6	4203	4208	LTA
25	CTC	3	4	6	4378	4389	LTA
26	A	1	6	6	4578	4583	STA
27	AT	2	3	6	4648	4653	STA
28	T	1	6	6	4987	4992	STA, LTA
29	T	1	6	6	5119	5124	STA, LTA

BM34

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GCA	3	3	9	46	54	NCS
2	CCT	3	3	10	84	93	NCS
3	GCCT	4	3	11	123	133	NCS
4	A	1	6	6	148	153	NCS
5	CT	2	3	6	182	187	NCS
6	GTTT	4	3	12	293	304	NCS
7	T	1	7	7	558	564	NCS
8	T	1	6	6	570	575	NCS
9	GA	2	3	6	942	947	VP2, VP3
10	AG	2	3	6	1303	1308	VP2, VP3
11	AG	2	3	6	1344	1349	VP2, VP3
12	AGA	3	5	15	1488	1502	VP2, VP3, VP1
13	GAG	3	3	9	1518	1526	VP2, VP3, VP1
14	A	1	7	7	1561	1567	VP1
15	ACT	3	4	12	1733	1744	VP1
16	A	1	7	7	2074	2080	VP1
17	A	1	6	6	2104	2109	VP1
18	TAAA	4	3	11	2713	2723	NCS
19	T	1	7	7	2990	2996	LTA
20	T	1	6	6	3005	3010	LTA
21	T	1	8	8	3133	3140	LTA
22	T	1	7	7	3411	3417	LTA
23	CTG	3	4	13	3633	3645	LTA
24	T	1	6	6	3733	3738	LTA
25	A	1	6	6	3983	3988	LTA
26	TA	2	6	11	4185	4195	LTA
27	GAA	3	4	12	4421	4432	LTA
28	A	1	6	6	4460	4465	LTA
29	G	1	6	6	4485	4490	LTA
30	GCT	3	4	11	4510	4520	LTA
31	T	1	6	6	4724	4729	NCS
32	AT	2	3	6	4777	4782	STA
33	T	1	7	7	4848	4854	STA
34	CA	2	3	6	4936	4941	STA
35	AC	2	3	6	5005	5010	STA
36	CA	2	3	6	5099	5104	STA

BM35

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	C	1	7	7	78	84	NCS
2	A	1	7	7	214	220	NCS
3	A	1	6	6	351	356	NCS
4	T	1	6	6	560	565	NCS
5	TG	2	3	6	1064	1069	VP2, VP3,
6	A	1	6	6	1297	1302	VP2, VP3,
7	ATG	3	3	10	1876	1885	VP1
8	TGAA	4	3	12	1908	1919	VP1
9	A	1	6	6	2361	2366	VP1
10	C	1	6	6	2556	2561	VP1
11	TA	2	3	6	2651	2656	NCS
12	TTC	3	5	15	2710	2724	LTA
13	AT	2	3	6	2807	2812	LTA
14	T	1	7	7	3092	3098	LTA
15	T	1	7	7	3369	3375	LTA
16	A	1	6	6	3947	3952	LTA
17	GT	2	3	6	3964	3969	LTA
18	TA	2	3	6	4119	4124	LTA
19	G	1	6	6	4271	4276	LTA
20	CTT	3	5	15	4283	4297	LTA
21	AT	2	3	6	4607	4612	STA

22	AG	2	3	6	5151	5156	LTA, STA

BM36

Sl No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GA	2	3	6	25	30	STA, LTA
2	A	1	6	6	103	108	STA, LTA
3	A	1	13	13	391	403	STA
4	T	1	6	6	481	486	STA
5	TA	2	3	6	627	632	STA, LTA
6	AG	2	3	6	649	654	STA, LTA
7	TCACCA	6	4	24	913	936	STA, LTA
8	AG	2	3	6	1096	1101	STA, LTA
9	CT	2	3	6	1219	1224	STA, LTA
10	GT	2	3	6	1804	1809	STA, LTA
11	A	1	7	7	2014	2020	STA, LTA
12	GT	2	3	6	2170	2175	STA, LTA
13	GA	2	3	6	2290	2295	STA, LTA
14	AG	2	3	6	2471	2476	STA, LTA
15	AT	2	3	6	2753	2758	VP1
16	AT	2	3	6	2800	2805	VP1
17	A	1	6	6	2990	2995	VP1
18	T	1	6	6	3260	3265	VP1
19	A	1	7	7	3965	3971	VP2, VP3
20	TC	2	3	6	4014	4019	VP2, VP3
21	CA	2	3	6	4104	4109	VP2, VP3
22	TCT	3	4	11	4204	4214	VP2, VP3
23	C	1	6	6	4575	4580	VP2
24	A	1	6	6	4587	4592	NCS
25	A	1	7	7	4610	4616	NCS
26	A	1	7	7	4643	4649	NCS
27	A	1	8	8	4691	4698	NCS
28	TTC	3	3	10	4700	4709	NCS
29	CT	2	3	6	4748	4753	NCS
30	T	1	6	6	4777	4782	NCS
31	T	1	6	6	4875	4880	NCS
32	GCT	3	4	12	4943	4954	NCS

BM37

Sl No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	22	27	NCS
2	CCT	3	3	10	136	145	NCS
3	A	1	8	8	197	204	NCS
4	TG	2	3	6	382	387	NCS
5	T	1	6	6	490	495	NCS
6	CTG	3	3	9	672	680	VP2
7	AG	2	3	6	1010	1015	VP2
8	A	1	6	6	1398	1403	VP2
9	AGA	3	4	12	1405	1416	VP2, VP1
10	G	1	7	7	1527	1533	VP1
11	ATG	3	3	10	1848	1857	VP1
12	T	1	7	7	1898	1904	VP1
13	TC	2	3	6	2228	2233	VP1
14	TG	2	3	6	2235	2240	VP1
15	AG	2	3	6	2579	2584	NCS
16	TCA	3	4	12	2683	2694	LTA
17	CT	2	3	6	2818	2823	LTA
18	G	1	6	6	3022	3027	LTA
19	GCT	3	3	9	3277	3285	LTA
20	CT	2	3	6	3507	3512	LTA
21	TTGC	4	3	13	3537	3549	LTA
22	AC	2	3	6	3570	3575	LTA
23	AGT	3	4	11	4074	4084	LTA
24	G	1	8	8	4197	4204	LTA
25	G	1	13	13	4229	4241	LTA
26	CT	2	3	6	4350	4355	NCS
27	AT	2	6	11	4454	4464	NCS
28	CT	2	3	6	4569	4574	NCS
29	GT	2	4	8	4578	4585	NCS
30	AC	2	3	6	4698	4703	NCS
31	CT	2	3	6	5024	5029	LTA

BM38

Sl No.	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	TC	2	4	8	5	12	NCS
2	TG	2	3	6	40	45	NCS
3	T	1	6	6	86	91	NCS
4	CCT	3	3	10	138	147	NCS
5	CT	2	3	6	186	191	NCS
6	A	1	7	7	201	207	NCS
7	GT	2	3	6	1454	1459	VP1
8	CAGC	4	3	12	1680	1691	VP1
9	AC	2	3	6	1752	1757	VP1
10	CA	2	3	6	2140	2145	VP1
11	AT	2	3	6	2506	2511	VP1
12	CA	2	3	6	2674	2679	LTA
13	AG	2	3	6	2721	2726	LTA
14	AC	2	3	6	2789	2794	LTA
15	T	1	6	6	2960	2965	LTA
16	TA	2	3	6	4044	4049	LTA, MTA
17	GAT	3	3	9	4497	4505	LTA, MTA
18	TC	2	4	8	4530	4537	LTA, MTA
19	CTG	3	3	10	4652	4661	LTA, MTA
20	C	1	6	6	4723	4728	NCS
21	C	1	6	6	5243	5248	LTA, MTA
22	T	1	6	6	5288	5293	LTA, MTA

BM39

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	6	6	19	24	NCS
2	T	1	6	6	71	76	NCS
3	TA	2	3	6	112	117	NCS
4	A	1	10	10	120	129	NCS
5	TTA	3	4	12	325	336	NCS
6	AAAT	4	3	13	365	377	NCS
7	T	1	6	6	659	664	NCS
8	TC	2	3	6	851	856	VP2
9	CT	2	3	6	879	884	VP2
10	CAG	3	3	9	968	976	VP2
11	T	1	7	7	1070	1076	VP2
12	TA	2	3	6	1111	1116	VP2
13	AG	2	3	6	1228	1233	VP2
14	GT	2	3	6	1256	1261	VP2
15	G	1	7	7	1495	1501	VP2
16	AGA	3	4	12	1596	1607	VP2
17	GGA	3	7	21	1599	1619	VP2
18	A	1	6	6	1654	1659	VP2, VP1
19	A	1	6	6	1864	1869	VP1
20	G	1	8	8	2086	2093	VP1
21	AT	2	3	6	2418	2423	VP1
22	A	1	7	7	2447	2453	VP1
23	TG	2	3	6	2806	2811	LTA
24	GA	2	3	6	2903	2908	LTA
25	T	1	6	6	3061	3066	LTA
26	T	1	6	6	3165	3170	LTA
27	T	1	6	6	3180	3185	LTA
28	A	1	6	6	3444	3449	LTA
29	T	1	7	7	3458	3464	LTA
30	T	1	6	6	3608	3613	LTA
31	CA	2	3	6	3875	3880	LTA
32	T	1	6	6	3922	3927	LTA
33	A	1	6	6	3948	3953	LTA
34	AATT	4	3	11	4088	4098	LTA
35	T	1	6	6	4226	4231	LTA
36	T	1	6	6	4332	4337	LTA
37	T	1	6	6	4342	4347	LTA
38	CTC	3	4	12	4407	4418	LTA
39	A	1	6	6	4508	4513	NCS
40	TTA	3	3	10	4531	4540	STA

BM40

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	AG	2	3	6	19	24	NCS
2	CT	2	3	6	31	36	NCS
3	TA	2	3	6	37	42	NCS
4	GC	2	3	6	53	58	NCS

5	A	1	6	6	66	71	NCS
6	CCT	3	3	10	82	91	NCS
7	CCT	3	3	9	128	136	NCS
8	A	1	9	9	144	152	NCS
9	T	1	8	8	247	254	NCS
10	T	1	7	7	302	308	NCS
11	T	1	7	7	346	352	NCS
12	T	1	6	6	448	453	VP2
13	A	1	6	6	916	921	VP2
14	AC	2	3	6	1121	1126	VP2, VP1
15	GCT	3	4	12	1161	1172	VP1
16	TG	2	3	6	1182	1187	VP1
17	A	1	6	6	1829	1834	VP1
18	AT	2	3	6	2237	2242	VP1
19	CTG	3	4	11	2299	2309	VP1
20	CCT	3	4	12	2415	2426	VP1
21	A	1	8	8	2498	2505	NCS
22	TCT	3	8	24	2558	2581	LTA
23	CAT	3	3	9	2685	2693	LTA
24	T	1	6	6	2935	2940	LTA
25	A	1	6	6	3152	3157	LTA
26	T	1	7	7	3213	3219	LTA
27	CT	2	3	6	3385	3390	LTA
28	TG	2	3	6	3516	3521	LTA
29	A	1	7	7	3927	3933	LTA
30	T	1	6	6	4058	4063	LTA
31	GTC	3	4	13	4144	4156	LTA
32	G	1	6	6	4174	4179	LTA
33	ATC	3	3	9	4285	4293	LTA
34	AT	2	4	8	4321	4328	LTA
35	CTG	3	4	12	4417	4428	LTA
36	CTG	3	6	18	4441	4458	LTA
37	TGC	3	5	15	4535	4549	LTA
38	GAT	3	3	9	4574	4582	LTA
39	AT	2	3	6	4702	4707	LTA
40	A	1	6	6	4734	4739	NCS
41	TTAC	4	3	12	4800	4811	NCS
42	CT	2	3	6	4845	4850	STA
43	CA	2	3	6	5038	5043	STA
44	T	1	6	6	5218	5223	STA, LTA
45	AG	2	3	6	5354	5359	STA, LTA

BM41

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CCT	3	3	10	43	52	NCS
2	AGG	3	3	10	65	74	NCS
3	TA	2	3	6	93	98	NCS
4	A	1	7	7	104	110	NCS
5	TG	2	3	6	294	299	NCS
6	AAAG	4	4	16	330	345	NCS
7	A	1	7	7	394	400	NCS
8	AG	2	3	6	649	654	NCS
9	TGC	3	4	11	1030	1040	VP2
10	GA	2	3	6	1273	1278	VP2
11	TC	2	3	6	1362	1367	VP2
12	AGA	3	5	15	1642	1656	VP2, VP1
13	C	1	6	6	1659	1664	VP2, VP1
14	A	1	7	7	1665	1671	VP2, VP1
15	TG	2	6	11	2005	2015	VP1
16	AG	2	3	6	2031	2036	VP1
17	T	1	7	7	2081	2087	VP1
18	AT	2	3	6	2117	2122	VP1
19	GA	2	5	10	2504	2513	VP1
20	A	1	6	6	2692	2697	VP1
21	TG	2	3	6	2770	2775	LTA
22	TA	2	3	6	2898	2903	LTA
23	T	1	7	7	3155	3161	LTA
24	T	1	7	7	3172	3178	LTA
25	CAA	3	4	11	3467	3477	LTA
26	AT	2	3	6	3587	3592	LTA
27	T	1	7	7	3599	3605	LTA
28	CTG	3	3	10	3692	3701	LTA
29	TA	2	3	6	3836	3841	LTA
30	A	1	7	7	3853	3859	LTA

31	CA	2	3	6	3866	3871	LTA
32	T	1	6	6	4208	4213	LTA
33	A	1	6	6	4273	4278	LTA
34	T	1	14	14	4319	4332	LTA
35	T	1	6	6	4379	4384	LTA
36	TC	2	3	6	4679	4684	STA
37	A	1	6	6	4695	4700	STA
38	A	1	7	7	4748	4754	STA
39	A	1	6	6	4910	4915	STA, LTA

BM42

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	8	8	10	17	NCS
2	A	1	7	7	30	36	NCS
3	T	1	6	6	54	59	NCS
4	TA	2	6	11	132	142	NCS
5	A	1	9	9	142	150	NCS
6	A	1	6	6	541	546	AgP
7	A	1	6	6	589	594	AgP
8	GCT	3	4	12	687	698	VP2
9	GCT	3	5	14	735	748	VP2
10	T	1	6	6	933	938	VP2
11	GA	2	3	6	1188	1193	VP2
12	T	1	6	6	1194	1199	VP2
13	A	1	7	7	1433	1439	VP2
14	A	1	6	6	1471	1476	VP2
15	A	1	7	7	1828	1834	VP1
16	A	1	6	6	1982	1987	VP1
17	T	1	8	8	2034	2041	VP1
18	AT	2	3	6	2628	2633	VP1
19	CAA	3	4	13	2647	2659	VP1
20	AT	2	6	11	2980	2990	LTA
21	CA	2	3	6	3602	3607	LTA
22	A	1	6	6	3612	3617	LTA
23	AT	2	3	6	3620	3625	LTA
24	CT	2	3	6	3790	3795	LTA
25	CTG	3	3	10	3817	3826	LTA
26	T	1	6	6	3835	3840	LTA
27	T	1	6	6	3914	3919	LTA
28	A	1	6	6	4247	4252	LTA
29	T	1	6	6	4316	4321	LTA
30	T	1	6	6	4455	4460	LTA
31	TC	2	3	6	4697	4702	STA
32	CT	2	3	6	4758	4763	STA
33	T	1	6	6	4837	4842	STA
34	CT	2	3	6	5166	5171	STA, LTA

BM43

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	10	15	NCS
2	A	1	7	7	19	25	NCS
3	A	1	6	6	29	34	NCS
4	CTTA	4	3	11	73	83	NCS
5	TAT	3	3	10	120	129	NCS
6	A	1	9	9	130	138	NCS
7	A	1	6	6	528	533	AgP
8	A	1	6	6	570	575	AgP
9	T	1	8	8	593	600	NCS
10	GCT	3	4	12	665	676	VP2
11	GCT	3	4	12	713	724	VP2
12	GAG	3	4	12	1645	1656	VP2, VP3, VP1
13	A	1	7	7	1803	1809	VP1
14	T	1	7	7	2010	2016	VP1
15	GT	2	3	6	2047	2052	VP1
16	GA	2	5	10	2429	2438	VP1
17	T	1	6	6	2757	2762	LTA
18	AC	2	3	6	2766	2771	LTA
19	CA	2	3	6	3485	3490	LTA
20	CT	2	3	6	3741	3746	LTA
21	T	1	7	7	3770	3776	LTA
22	T	1	6	6	3812	3817	LTA
23	T	1	6	6	3891	3896	LTA
24	CT	2	3	6	4098	4103	LTA

25	TA	2	3	6	4115	4120	LTA
26	A	1	6	6	4153	4158	LTA
27	CTTT	4	3	13	4422	4434	LTA
28	CAA	3	3	9	4581	4589	NCS
29	CA	2	3	6	4864	4869	STA
30	GT	2	3	6	4996	5001	STA, LTA

BM44

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	8	8	143	150	NCS
2	ATG	3	4	11	236	246	NCS
3	G	1	6	6	251	256	NCS
4	T	1	6	6	742	747	NCS
5	T	1	6	6	762	767	NCS
6	T	1	8	8	1175	1182	VP2, VP3
7	G	1	7	7	1585	1591	VP2, VP3
8	C	1	6	6	1923	1928	VP1
9	TAA	3	3	9	2500	2508	VP1
10	TCT	3	7	21	2930	2950	LTA
11	G	1	6	6	3269	3274	LTA
12	T	1	8	8	3301	3308	LTA
13	AT	2	3	6	3428	3433	LTA
14	TGC	3	3	9	3520	3528	LTA
15	T	1	7	7	3789	3795	LTA
16	C	1	6	6	4081	4086	LTA
17	T	1	6	6	4192	4197	LTA
18	T	1	6	6	4315	4320	LTA
19	T	1	6	6	4335	4340	LTA
20	T	1	6	6	4457	4462	LTA
21	TCA	3	4	12	4493	4504	LTA
22	A	1	6	6	4605	4610	NCS
23	AT	2	3	6	4614	4619	NCS
24	CA	2	3	6	4795	4800	STA
25	T	1	7	7	4836	4842	STA
26	G	1	6	6	4933	4938	STA
27	T	1	6	6	5019	5024	STA, LTA
28	CT	2	3	6	5178	5183	STA, LTA

BM45

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	70	75	NCS
2	TA	2	3	6	112	117	NCS
3	A	1	14	14	119	132	NCS
4	TC	2	3	6	344	349	NCS
5	C	1	7	7	413	419	NCS
6	AGG	3	4	12	574	585	NCS
7	T	1	6	6	591	596	NCS
8	GC	2	3	6	733	738	VP2
9	CT	2	3	6	1004	1009	VP2
10	GCTAC	5	3	16	1051	1066	VP2
11	TA	2	3	6	1176	1181	VP2
12	AT	2	4	8	1387	1394	VP2
13	A	1	6	6	1474	1479	VP2
14	G	1	6	6	2127	2132	VP1
15	ATG	3	4	12	2186	2197	VP1
16	AGATA	5	3	15	2697	2711	VP1
17	G	1	6	6	2841	2846	LTA
18	T	1	7	7	2939	2945	LTA
19	T	1	6	6	3065	3070	LTA
20	CA	2	3	6	3413	3418	LTA
21	CTG	3	3	10	3728	3737	LTA
22	A	1	6	6	3975	3980	LTA
23	AT	2	3	6	4156	4161	LTA
24	TCT	3	4	12	4361	4372	LTA
25	T	1	6	6	4415	4420	LTA
26	AGCAA	5	3	14	4646	4659	STA
27	T	1	6	6	4705	4710	STA
28	A	1	6	6	4721	4726	STA
29	TA	2	4	8	4773	4780	STA
30	A	1	7	7	4782	4788	STA
31	AG	2	3	6	4865	4870	STA, LTA

BM46

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CT	2	3	6	64	69	NCS
2	A	1	8	8	125	132	NCS
3	A	1	6	6	253	258	NCS
4	T	1	7	7	293	299	NCS
5	T	1	6	6	550	555	NCS
6	A	1	9	9	636	644	NCS
7	CT	2	3	6	828	833	VP2
8	TC	2	3	6	1549	1554	VP2
9	AGA	3	5	15	1583	1597	VP2, VP1
10	A	1	8	8	1605	1612	VP2, VP1
11	AG	2	3	6	1828	1833	VP1
12	G	1	6	6	2049	2054	VP1
13	TG	2	3	6	2077	2082	VP1
14	TC	2	3	6	2268	2273	VP1
15	CAC	3	4	12	2301	2312	VP1
16	TCT	3	3	9	2875	2883	LTA
17	T	1	7	7	3014	3020	LTA
18	TC	2	3	6	3196	3201	LTA
19	CA	2	3	6	3359	3364	LTA
20	T	1	7	7	3581	3587	LTA
21	T	1	6	6	3692	3697	LTA
22	T	1	7	7	3895	3901	LTA
23	A	1	6	6	3921	3926	LTA
24	CT	2	3	6	3927	3932	LTA
25	ATT	3	4	12	4116	4127	LTA
26	AGA	3	3	9	4189	4197	LTA
27	T	1	6	6	4315	4320	LTA
28	TCT	3	4	14	4348	4361	LTA
29	T	1	6	6	4367	4372	LTA
30	TTC	3	9	27	4407	4433	LTA
31	AT	2	3	6	4638	4643	STA
32	CA	2	3	6	4670	4675	STA
33	TC	2	3	6	4696	4701	STA
34	TC	2	3	6	4769	4774	STA
35	T	1	6	6	4864	4869	STA, LTA
36	T	1	6	6	4927	4932	STA, LTA
37	CT	2	3	6	5023	5028	STA, LTA

BM47

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	GA	2	3	6	53	58	NCS
2	A	1	8	8	98	105	NCS
3	C	1	6	6	392	397	NCS
4	GAG	3	5	15	429	443	NCS
5	GCC	3	4	12	679	690	VP2
6	AG	2	3	6	1069	1074	VP2, VP3
7	T	1	6	6	1162	1167	VP2, VP3
8	AT	2	4	8	1205	1212	VP2, VP3
9	AG	2	3	6	1234	1239	VP2, VP3
10	AG	2	3	6	1278	1283	VP2, VP3
11	AGA	3	4	12	1329	1340	VP2, VP3
12	AGA	3	7	21	1485	1505	VP2, VP3, VP1
13	A	1	6	6	1519	1524	VP2, VP3, VP1
14	GA	2	3	6	1719	1724	VP1
15	TGA	3	3	10	1770	1779	VP1
16	ATG	3	4	12	1881	1892	VP1
17	TA	2	3	6	2607	2612	NCS
18	AGG	3	4	11	2694	2704	LTA
19	G	1	6	6	2703	2708	LTA
20	T	1	6	6	3066	3071	LTA
21	TC	2	3	6	3106	3111	LTA
22	GCA	3	3	9	3289	3297	LTA
23	TC	2	3	6	3510	3515	LTA
24	T	1	6	6	3678	3683	LTA
25	TCA	3	5	14	3811	3824	LTA
26	TC	2	3	6	3916	3921	LTA
27	A	1	8	8	4009	4016	LTA
28	A	1	6	6	4056	4061	LTA
29	TA	2	3	6	4088	4093	LTA
30	G	1	6	6	4230	4235	LTA
31	AG	2	3	6	4383	4388	NCS
32	AC	2	3	6	4396	4401	NCS

33	AAT	3	4	12	4403	4414	NCS
34	TC	2	3	6	4571	4576	STA
35	T	1	6	6	4584	4589	STA

BM48

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	GA	2	3	6	84	89	NCS
2	TAT	3	3	10	121	130	NCS
3	A	1	9	9	131	139	NCS
4	A	1	8	8	450	457	AgP
5	T	1	9	9	601	609	NCS
6	GCT	3	4	12	675	686	VP2
7	GCT	3	4	12	723	734	VP2
8	T	1	6	6	1185	1190	VP2, VP3
9	A	1	6	6	1453	1458	VP2, VP3
10	AG	2	3	6	1806	1811	VP1
11	AG	2	3	6	2507	2512	VP1
12	AT	2	3	6	2610	2615	VP1
13	AT	2	6	11	2946	2956	LTA
14	T	1	6	6	3105	3110	LTA
15	AT	2	3	6	3148	3153	LTA
16	TC	2	3	6	3308	3313	LTA
17	CA	2	3	6	3474	3479	LTA
18	A	1	6	6	3578	3583	LTA
19	AT	2	3	6	3641	3646	LTA
20	T	1	7	7	3759	3765	LTA
21	CTG	3	3	10	3783	3792	LTA
22	T	1	6	6	3801	3806	LTA
23	T	1	6	6	3880	3885	LTA
24	TAA	3	4	12	3937	3948	LTA
25	TA	2	3	6	4104	4109	LTA
26	A	1	6	6	4142	4147	LTA
27	AATT	4	3	11	4173	4183	LTA
28	CA	2	3	6	4236	4241	LTA
29	T	1	6	6	4282	4287	LTA
30	T	1	10	10	4416	4425	LTA
31	A	1	8	8	4571	4578	NCS
32	TG	2	3	6	4723	4728	STA
33	T	1	7	7	4970	4976	STA, LTA

BM49

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	TA	2	4	8	15	22	NCS
2	A	1	8	8	22	29	NCS
3	TA	2	4	8	113	120	NCS
4	A	1	8	8	120	127	NCS
5	A	1	7	7	340	346	HP
6	T	1	7	7	365	371	HP
7	A	1	7	7	421	427	HP
8	T	1	9	9	503	511	NCS
9	GCT	3	4	12	577	588	HP
10	GCT	3	4	12	625	636	HP
11	T	1	6	6	826	831	HP
12	TA	2	3	6	1157	1162	HP
13	GAG	3	4	12	1533	1544	HP
14	T	1	8	8	1897	1904	HP
15	G	1	7	7	1910	1916	HP
16	T	1	6	6	2627	2632	HP
17	TG	2	3	6	2676	2681	HP
18	CT	2	3	6	2774	2779	HP
19	T	1	6	6	2968	2973	HP
20	TC	2	3	6	3134	3139	HP
21	T	1	8	8	3409	3416	HP
22	AT	2	3	6	3504	3509	HP
23	T	1	6	6	3664	3669	HP
24	T	1	7	7	3744	3750	HP
25	T	1	6	6	3755	3760	HP
26	A	1	7	7	3807	3813	HP
27	C	1	6	6	3915	3920	HP
28	A	1	6	6	4005	4010	HP
29	TA	2	3	6	4150	4155	HP
30	T	1	8	8	4275	4282	HP
31	TCA	3	3	9	4320	4328	HP

32	A	1	9	9	4429	4437	NCS
33	A	1	6	6	4454	4459	NCS
34	CA	2	3	6	4616	4621	HP
35	T	1	7	7	4830	4836	HP
36	A	1	6	6	4841	4846	HP
37	T	1	6	6	4903	4908	HP
38	A	1	6	6	5030	5035	HP
39	A	1	6	6	5043	5048	HP

BM50

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	7	7	23	29	NCS
2	TG	2	3	6	63	68	NCS
3	GT	2	3	6	78	83	NCS
4	CA	2	3	6	155	160	NCS
5	T	1	6	6	226	231	NCS
6	AC	2	3	6	236	241	NCS
7	CAG	3	4	12	1255	1266	VP2/VP3, VP3
8	TA	2	3	6	1295	1300	VP2/VP3, VP3
9	A	1	6	6	1523	1528	VP2/VP3, VP3, VP1
10	A	1	7	7	1584	1590	VP2/VP3, VP3, VP1
11	TTG	3	3	10	1900	1909	VP1
12	GA	2	3	6	2131	2136	VP1
13	T	1	6	6	2371	2376	VP1
14	C	1	6	6	2521	2526	VP1
15	T	1	6	6	2680	2685	LTA
16	TA	2	3	6	2730	2735	LTA
17	T	1	6	6	2873	2878	LTA
18	T	1	6	6	2921	2926	LTA
19	T	1	8	8	3015	3022	LTA
20	AT	2	3	6	3145	3150	LTA
21	CA	2	3	6	3221	3226	LTA
22	CTAA	4	3	11	3331	3341	LTA
23	T	1	7	7	3350	3356	LTA
24	CAA	3	3	9	3413	3421	LTA
25	TG	2	3	6	3529	3534	LTA
26	T	1	7	7	3541	3547	LTA
27	CAT	3	3	9	3614	3622	LTA
28	TA	2	3	6	3666	3671	LTA
29	CA	2	3	6	3821	3826	LTA
30	T	1	6	6	4167	4172	LTA
31	GTAT	4	3	12	4317	4328	LTA
32	A	1	9	9	4476	4484	STA
33	CA	2	3	6	4522	4527	STA
34	AT	2	3	6	4639	4644	STA
35	AT	2	3	6	4662	4667	STA
36	TCT	3	4	12	4738	4749	STA, LTA
37	CT	2	3	6	4973	4978	NCS
38	T	1	6	6	5033	5038	NCS

BM51

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	8	8	24	31	NCS
2	TA	2	4	8	843	850	VP2/VP3
3	C	1	6	6	922	927	VP2/VP3
4	TCCA	4	3	13	962	974	VP2/VP3
5	AAG	3	3	10	1292	1301	VP2/VP3, VP3
6	T	1	6	6	2519	2524	VP1
7	AC	2	3	6	2766	2771	VP1
8	TA	2	3	6	2887	2892	LTA
9	T	1	8	8	3172	3179	LTA
10	AGC	3	4	12	3394	3405	LTA
11	T	1	7	7	3450	3456	LTA
12	T	1	6	6	3600	3605	LTA
13	AC	2	3	6	3691	3696	LTA
14	T	1	7	7	3698	3704	LTA
15	T	1	7	7	3734	3740	LTA
16	AAGT	4	3	11	3835	3845	LTA
17	TA	2	3	6	4008	4013	LTA
18	T	1	6	6	4186	4191	LTA
19	T	1	11	11	4325	4335	LTA
20	TTC	3	3	9	4438	4446	LTA
21	A	1	9	9	4514	4522	NCS

22	A	1	7	7	4629	4635	STA
23	CT	2	3	6	4666	4671	STA
24	TCT	3	4	12	4928	4939	STA, LTA
25	AC	2	3	6	4961	4966	STA, LTA
26	T	1	6	6	5004	5009	STA, LTA

BM52

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CTG	3	4	12	31	42	NCS
2	A	1	7	7	72	78	NCS
3	TA	2	3	6	92	97	NCS
4	A	1	6	6	99	104	NCS
5	T	1	6	6	365	370	NCS
6	GCA	3	3	9	469	477	VP2
7	AG	2	3	6	549	554	VP2
8	CT	2	3	6	624	629	VP2
9	T	1	6	6	964	969	VP2, VP3
10	A	1	6	6	1320	1325	VP2, VP3, VP1
11	GC	2	3	6	1335	1340	VP2, VP3, VP1
12	TGC	3	5	15	1705	1719	VP1
13	C	1	6	6	2498	2503	VP1
14	T	1	6	6	2813	2818	NCS
15	A	1	6	6	2858	2863	NCS
16	TCC	3	4	12	2976	2987	LTA
17	T	1	6	6	3228	3233	LTA
18	G	1	6	6	3309	3314	LTA
19	CA	2	3	6	3362	3367	LTA
20	T	1	7	7	3622	3628	LTA
21	AT	2	3	6	3719	3724	LTA
22	T	1	7	7	3876	3882	LTA
23	TAA	3	4	12	4016	4027	LTA
24	TCA	3	4	12	4092	4103	LTA
25	T	1	6	6	4132	4137	LTA
26	CA	2	3	6	4150	4155	LTA
27	CAA	3	3	10	4194	4203	LTA
28	TA	2	3	6	4345	4350	LTA
29	T	1	6	6	4360	4365	LTA
30	TCT	3	4	11	4462	4472	LTA, ALTO
31	CT	2	3	6	4482	4487	LTA, ALTO
32	TG	2	3	6	4488	4493	LTA, ALTO
33	TA	2	3	6	5009	5014	STA, LTA
34	T	1	7	7	5075	5081	STA, LTA

BM53

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	6	6	90	95	NCS
2	T	1	7	7	264	270	NCS
3	T	1	6	6	287	292	NCS
4	TG	2	3	6	319	324	NCS
5	AT	2	3	6	467	472	NCS
6	AT	2	3	6	1030	1035	VP2, VP3
7	T	1	8	8	1084	1091	VP2, VP3
8	AC	2	3	6	1726	1731	VP1
9	T	1	7	7	1943	1949	VP1
10	TC	2	3	6	2198	2203	VP1
11	ACA	3	5	14	2212	2225	VP1
12	T	1	6	6	2352	2357	VP1
13	TCTT	4	4	15	2790	2804	NCS
14	TA	2	3	6	3011	3016	NCS
15	T	1	7	7	3017	3023	NCS
16	T	1	8	8	3072	3079	NCS
17	T	1	9	9	3126	3134	NCS
18	AT	2	3	6	3680	3685	LTA
19	T	1	8	8	3887	3894	LTA
20	C	1	6	6	4088	4093	LTA
21	A	1	6	6	4229	4234	LTA
22	CA	2	3	6	4255	4260	LTA
23	TA	2	3	6	4261	4266	LTA
24	TG	2	3	6	4407	4412	LTA
25	TC	2	3	6	4662	4667	LTA
26	C	1	6	6	4671	4676	LTA
27	A	1	6	6	4731	4736	LTA
28	G	1	6	6	4744	4749	LTA

29	CA	2	3	6	4772	4777	LTA
30	T	1	7	7	4817	4823	LTA
31	T	1	7	7	5029	5035	LTA
32	T	1	9	9	5612	5620	STA, LTA

BM54

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	8	8	21	28	NCS
2	AC	2	3	6	258	263	NCS
3	A	1	7	7	398	404	AgnoP
4	A	1	6	6	485	490	AgnoP
5	GCT	3	5	15	613	627	VP2
6	GCT	3	4	12	778	789	VP2
7	T	1	6	6	859	864	VP2
8	GAA	3	3	10	1102	1111	VP2, HP
9	TAC	3	4	11	1210	1220	VP2, HP
10	A	1	6	6	1550	1555	VP1,VP2, HP
11	A	1	6	6	1905	1910	VP1
12	T	1	7	7	1957	1963	VP1
13	GT	2	3	6	1995	2000	VP1
14	A	1	6	6	2044	2049	VP1
15	CAG	3	3	10	2062	2071	VP1
16	A	1	7	7	2593	2599	NCS
17	AAC	3	4	12	2669	2680	NCS
18	T	1	6	6	2724	2729	LTA
19	TCA	3	6	18	2905	2922	LTA
20	T	1	6	6	2975	2980	LTA
21	TC	2	3	6	3012	3017	LTA
22	C	1	6	6	3483	3488	LTA
23	T	1	7	7	3560	3566	LTA
24	TCCA	4	3	12	3648	3659	LTA
25	T	1	6	6	3815	3820	LTA
26	T	1	6	6	3894	3899	LTA
27	TG	2	3	6	4214	4219	LTA
28	A	1	6	6	4227	4232	LTA
29	GCAA	4	3	13	4339	4351	LTA
30	A	1	6	6	4381	4386	LTA
31	T	1	6	6	4435	4440	LTA
32	TCA	3	3	9	4474	4482	LTA
33	CA	2	3	6	4760	4765	STA
34	AAG	3	3	10	4901	4910	STA
35	T	1	6	6	5010	5015	STA
36	T	1	7	7	5053	5059	STA
37	CT	2	3	6	5140	5145	STA
38	A	1	6	6	5198	5203	HP

BM55

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	10	15	NCS
2	CT	2	4	8	56	63	NCS
3	A	1	10	10	113	122	NCS, AgP
4	CT	2	3	6	685	690	VP2
5	AGC	3	3	9	927	935	VP2
6	CA	2	3	6	1191	1196	VP2, VP3
7	A	1	6	6	2185	2190	VP1
8	TG	2	3	6	2679	2684	LTA
9	T	1	8	8	2899	2906	LTA
10	T	1	7	7	2944	2950	LTA
11	T	1	7	7	3025	3031	LTA
12	GCT	3	3	9	3264	3272	LTA
13	T	1	6	6	3580	3585	LTA
14	CA	2	3	6	3736	3741	LTA
15	T	1	6	6	3783	3788	LTA
16	A	1	6	6	3806	3811	LTA
17	CA	2	4	8	3863	3870	LTA
18	T	1	6	6	4055	4060	LTA
19	T	1	6	6	4075	4080	LTA
20	TA	2	3	6	4090	4095	LTA
21	CTTA	4	3	11	4115	4125	LTA
22	CTT	3	4	12	4187	4198	LTA
23	TTC	3	4	12	4226	4237	LTA
24	A	1	6	6	4384	4389	NCS
25	TA	2	3	6	4492	4497	STA

26	CA	2	3	6	4654	4659	STA
27	TC	2	3	6	4678	4683	STA, LTA

BM56

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	7	7	70	76	NCS
2	TA	2	3	6	90	95	NCS
3	A	1	9	9	95	103	NCS
4	T	1	7	7	322	328	NCS
5	AC	2	3	6	666	671	VP2
6	AG	2	3	6	1256	1261	VP2, VP3
7	G	1	8	8	1722	1729	VP1
8	A	1	6	6	2414	2419	VP1
9	AAGG	4	3	13	2466	2478	VP1
10	ACCCCC	6	3	18	2602	2619	VP1
11	GT	2	3	6	2841	2846	LTA
12	T	1	6	6	3195	3200	LTA
13	AT	2	3	6	3278	3283	LTA
14	AT	2	3	6	3861	3866	LTA
15	CT	2	3	6	3883	3888	LTA
16	T	1	6	6	4122	4127	LTA
17	T	1	6	6	4350	4355	LTA
18	TCT	3	4	11	4458	4468	LTA
19	TC	2	3	6	4567	4572	LTA
20	G	1	6	6	4591	4596	LTA
21	AT	2	3	6	4622	4627	NCS
22	A	1	6	6	5084	5089	LTA, STA

BM57

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CG	2	3	6	37	42	NCS
2	AC	2	3	6	369	374	VP2
3	GA	2	4	8	648	655	VP2, VP3
4	AAT	3	3	10	956	965	VP2, VP3
5	A	1	7	7	1146	1152	VP2, VP3, VP1
6	TGG	3	4	11	1467	1477	VP1
7	AG	2	3	6	1543	1548	VP1
8	CAGG	4	3	12	1580	1591	VP1
9	GA	2	3	6	1614	1619	VP1
10	C	1	6	6	2120	2125	VP1
11	TTA	3	3	9	2414	2422	LTA
12	TC	2	3	6	2614	2619	LTA
13	TGC	3	3	9	2796	2804	LTA
14	AT	2	3	6	2947	2952	LTA
15	TC	2	3	6	2962	2967	LTA
16	AC	2	3	6	3196	3201	LTA
17	GT	2	3	6	3465	3470	LTA
18	TC	2	3	6	3922	3927	LTA
19	A	1	8	8	4007	4014	STA
20	A	1	8	8	4016	4023	STA
21	CA	2	3	6	4043	4048	STA
22	T	1	6	6	4621	4626	STA, LTA
23	A	1	7	7	4674	4680	STA, LTA
24	T	1	10	10	4707	4716	STA, LTA
25	AC	2	3	6	4890	4895	STA, LTA

BM58

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	9	14	NCS
2	CT	2	3	6	99	104	NCS
3	A	1	9	9	116	124	NCS
4	AT	2	3	6	203	208	NCS
5	TG	2	3	6	328	333	NCS
6	CCTC	4	3	12	683	694	NCS
7	GA	2	3	6	751	756	NCS
8	GACAA	5	3	15	1324	1338	VP2, VP3
9	T	1	6	6	1405	1410	VP2, VP3
10	GGA	3	6	21	1719	1739	VP2, VP3, VP1
11	A	1	7	7	1748	1754	VP2, VP3, VP1
12	CCGCTC	6	3	18	1770	1787	VP2, VP3, VP1
13	A	1	6	6	1964	1969	VP1
14	G	1	6	6	2188	2193	VP1

15	GT	2	3	6	2808	2813	VP1
16	T	1	6	6	2845	2850	NCS
17	G	1	7	7	2944	2950	LTA
18	T	1	7	7	3337	3343	LTA
19	C	1	6	6	3537	3542	LTA
20	T	1	6	6	3761	3766	LTA
21	CT	2	3	6	3801	3806	LTA
22	T	1	6	6	3872	3877	LTA
23	AG	2	3	6	3899	3904	LTA
24	CA	2	3	6	4028	4033	LTA
25	A	1	6	6	4104	4109	LTA
26	T	1	7	7	4352	4358	LTA
27	TCT	3	4	12	4484	4495	LTA
28	C	1	6	6	4661	4666	NCS
29	CT	2	3	6	4707	4712	STA
30	GA	2	3	6	4853	4858	STA
31	A	1	6	6	5110	5115	STA, LTA

BM59

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	9	9	7	15	NCS
2	CT	2	4	8	65	72	NCS
3	A	1	7	7	122	128	NCS
4	GCT	3	3	9	151	159	NCS
5	TA	2	3	6	247	252	NCS
6	GT	2	3	6	389	394	NCS
7	T	1	6	6	408	413	NCS
8	AG	2	3	6	748	753	VP2
9	CAGG	4	3	11	1184	1194	VP2, VP3
10	AC	2	3	6	1828	1833	VP1
11	CT	2	3	6	1973	1978	VP1
12	T	1	7	7	2721	2727	NCS
13	AGA	3	4	12	2969	2980	LTA
14	GCT	3	3	9	3389	3397	LTA
15	T	1	6	6	3908	3913	LTA
16	CT	2	3	6	3965	3970	LTA
17	T	1	6	6	4203	4208	LTA
18	T	1	8	8	4319	4326	LTA
19	TA	2	3	6	4613	4618	STA

BM60

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CG	2	3	6	37	42	NCS
2	GA	2	3	6	551	556	VP2, VP3
3	AAT	3	3	10	740	749	VP2, VP3
4	A	1	7	7	1150	1156	VP1
5	AG	2	6	11	1284	1294	VP1
6	TGG	3	5	15	1471	1485	VP1
7	AG	2	3	6	1547	1552	VP1
8	T	1	13	13	2159	2171	NCS
9	AT	2	3	6	2186	2191	NCS
10	TAG	3	4	12	2366	2377	LTA
11	A	1	6	6	2464	2469	LTA
12	T	1	7	7	2848	2854	LTA
13	TC	2	3	6	2962	2967	LTA
14	AT	2	3	6	3317	3322	LTA
15	GT	2	3	6	3461	3466	LTA
16	T	1	6	6	3584	3589	LTA
17	T	1	6	6	3604	3609	LTA
18	TC	2	3	6	3921	3926	LTA
19	TTC	3	4	12	3932	3943	LTA, STA
20	A	1	6	6	4006	4011	STA
21	AGGC	4	3	12	4239	4250	STA
22	T	1	6	6	4632	4637	NCS
23	A	1	7	7	4685	4691	NCS
24	T	1	7	7	4720	4726	NCS

BM61

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	11	11	92	102	NCS
2	ACT	3	3	9	293	301	NCS
3	A	1	6	6	330	335	NCS

4	GCG	3	4	12	417	428	NCS
5	AG	2	3	6	780	785	VP2/3
6	TGC	3	3	9	1014	1022	VP2/3
7	TA	2	3	6	1153	1158	VP2/3, VP3
8	TC	2	3	6	1619	1624	VP2/3, VP3
9	AGA	3	4	12	1653	1664	VP2/3, VP3
10	AGG	3	4	12	1667	1678	VP2/3, VP3
11	A	1	8	8	1687	1694	VP2/3, VP3, VP1
12	TAA	3	3	9	1725	1733	VP2/3, VP3, VP1
13	T	1	7	7	2104	2110	VP1
14	A	1	6	6	2293	2298	VP1
15	C	1	7	7	2343	2349	VP1
16	TA	2	3	6	2761	2766	NCS
17	ATT	3	3	10	3179	3188	LTA
18	CTAG	4	3	11	3573	3583	LTA
19	T	1	6	6	3661	3666	LTA
20	AT	2	3	6	4071	4076	LTA
21	TA	2	3	6	4144	4149	LTA
22	T	1	6	6	4159	4164	LTA
23	T	1	6	6	4259	4264	LTA
24	T	1	6	6	4272	4277	LTA
25	AT	2	3	6	4477	4482	LTA
26	A	1	9	9	4551	4559	NCS
27	A	1	6	6	4950	4955	LTA, STA
28	T	1	6	6	5055	5060	NCS

BM62

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	8	8	142	149	NCS
2	A	1	7	7	547	553	AgP
3	T	1	8	8	602	609	NCS
4	GCT	3	4	12	673	684	VP2
5	GCT	3	4	12	721	732	VP2
6	T	1	6	6	922	927	VP2
7	CA	2	3	6	1152	1157	VP2, VP3
8	AC	2	3	6	1363	1368	VP2, VP3
9	A	1	6	6	1460	1465	VP2, VP3
10	GAG	3	4	12	1659	1670	VP2, VP3, VP1
11	A	1	7	7	1817	1823	VP1
12	CA	2	3	6	1958	1963	VP1
13	T	1	8	8	2023	2030	VP1
14	AT	2	6	11	2948	2958	LTA
15	T	1	6	6	3107	3112	LTA
16	A	1	6	6	3118	3123	LTA
17	TC	2	3	6	3310	3315	LTA
18	CA	2	3	6	3476	3481	LTA
19	T	1	7	7	3548	3554	LTA
20	A	1	6	6	3580	3585	LTA
21	AT	2	3	6	3588	3593	LTA
22	AT	2	3	6	3643	3648	LTA
23	T	1	7	7	3761	3767	LTA
24	T	1	6	6	3803	3808	LTA
25	T	1	6	6	3894	3899	LTA
26	TAA	3	4	12	3939	3950	LTA
27	A	1	6	6	4144	4149	LTA
28	A	1	6	6	4215	4220	LTA
29	T	1	7	7	4283	4289	LTA
30	A	1	7	7	4577	4583	NCS
31	T	1	7	7	4980	4986	LTA, STA
32	CT	2	3	6	5140	5145	LTA, STA

BM63

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BM64

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	AT	2	3	6	19	24	NCS
2	A	1	6	6	150	155	NCS
3	AAAG	4	3	13	425	437	NCS

4	GTGGCA	6	3	19	497	515	NCS
5	GT	2	3	6	542	547	NCS
6	T	1	6	6	672	677	NCS
7	CT	2	6	11	845	855	VP2
8	T	1	6	6	1078	1083	VP2, VP3
9	AT	2	4	8	1316	1323	VP2, VP3
10	AG	2	3	6	1345	1350	VP2, VP3
11	A	1	6	6	1403	1408	VP2, VP3
12	A	1	6	6	1567	1572	VP2, VP3
13	AGA	3	4	12	1578	1589	VP2, VP3
14	A	1	6	6	1611	1616	VP2, VP3, VP1
15	CAG	3	3	9	1638	1646	VP2, VP3, VP1
16	CA	2	3	6	2093	2098	VP1
17	AAT	3	4	11	2411	2421	VP1
18	GGT	3	4	12	2833	2844	LTA
19	CT	2	3	6	2961	2966	LTA
20	T	1	8	8	3243	3250	LTA
21	TGC	3	3	9	3462	3470	LTA
22	AC	2	3	6	3786	3791	LTA
23	T	1	7	7	4065	4071	LTA
24	T	1	6	6	4137	4142	LTA
25	T	1	9	9	4396	4404	LTA
26	TG	2	5	10	4417	4426	LTA
27	CTC	3	4	12	4428	4439	LTA
28	C	1	6	6	4581	4586	NCS
29	CA	2	3	6	4596	4601	NCS
30	TC	2	3	6	4622	4627	STA
31	CA	2	3	6	4730	4735	STA
32	T	1	6	6	4761	4766	STA
33	GA	2	3	6	4869	4874	STA
34	T	1	6	6	4954	4959	STA, LTA
35	T	1	6	6	4983	4988	STA, LTA

BM65

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	1	6	NCS
2	TGC	3	4	12	27	38	NCS
3	A	1	6	6	68	73	NCS
4	A	1	6	6	117	122	NCS
5	GC	2	3	6	138	143	NCS
6	TAAG	4	3	11	332	342	NCS
7	GGA	3	4	12	343	354	NCS
8	A	1	7	7	366	372	NCS
9	T	1	7	7	580	586	NCS
10	T	1	8	8	992	999	VP2, VP3
11	T	1	6	6	1189	1194	VP2, VP3
12	TA	2	3	6	1235	1240	VP2, VP3
13	AG	2	3	6	1261	1266	VP2, VP3
14	AC	2	3	6	1419	1424	VP2, VP3
15	AGA	3	4	12	1494	1505	VP2, VP3
16	A	1	6	6	1524	1529	VP2, VP3, VP1
17	CAG	3	3	9	1551	1559	VP2, VP3, VP1
18	CA	2	6	11	1734	1744	VP1
19	A	1	7	7	1889	1895	VP1
20	A	1	6	6	2134	2139	VP1
21	G	1	6	6	2171	2176	VP1
22	AGG	3	4	12	2738	2749	LTA
23	ATC	3	4	12	2780	2791	LTA
24	TTC	3	5	15	2789	2803	LTA
25	A	1	6	6	2835	2840	LTA
26	CT	2	3	6	2864	2869	LTA
27	ATTAAC	6	3	18	2943	2960	LTA
28	T	1	8	8	3146	3153	LTA
29	TGC	3	3	9	3365	3373	LTA
30	AT	2	3	6	3516	3521	LTA
31	CTG	3	3	10	3658	3667	LTA
32	CAT	3	4	11	3826	3836	LTA
33	T	1	7	7	3968	3974	LTA
34	T	1	6	6	4040	4045	LTA
35	TA	2	3	6	4168	4173	LTA
36	T	1	6	6	4183	4188	LTA
37	GT	2	3	6	4282	4287	LTA
38	T	1	9	9	4298	4306	LTA
39	TTC	3	7	21	4331	4351	LTA

40	TC	2	3	6	4404	4409	LTA
41	T	1	6	6	4482	4487	NCS
42	TA	2	3	6	4515	4520	STA
43	TC	2	3	6	4527	4532	STA
44	T	1	7	7	4676	4682	STA
45	AGC	3	3	9	4699	4707	STA
46	ATTC	4	3	12	4870	4881	STA, LTA
47	TTTTCA	6	3	17	4882	4898	STA, LTA

BM66

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CCT	3	3	10	34	43	NCS
2	T	1	9	9	43	51	NCS
3	TA	2	6	11	83	93	NCS
4	A	1	8	8	93	100	NCS
5	G	1	6	6	145	150	NCS
6	TGC	3	4	12	597	608	VP2
7	CTG	3	4	12	737	748	VP2
8	GA	2	4	8	1549	1556	VP2
9	A	1	7	7	1678	1684	VP2, VP1
10	A	1	6	6	2082	2087	VP1
11	CA	2	6	11	2119	2129	VP1
12	C	1	7	7	2259	2265	VP1
13	TC	2	3	6	2704	2709	LTA
14	G	1	6	6	2942	2947	LTA
15	CA	2	3	6	3032	3037	LTA
16	CT	2	3	6	3493	3498	LTA
17	A	1	7	7	3681	3687	LTA
18	CA	2	3	6	3835	3840	LTA
19	GT	2	3	6	4059	4064	LTA
20	G	1	6	6	4163	4168	LTA
21	TC	2	3	6	4369	4374	LTA
22	A	1	9	9	4473	4481	NCS
23	A	1	7	7	4588	4594	STA
24	T	1	8	8	4680	4687	STA
25	C	1	6	6	4965	4970	STA, LTA

BM67

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	7	7	8	14	NCS
2	CCT	3	3	10	43	52	NCS
3	T	1	6	6	52	57	NCS
4	AT	2	3	6	94	99	NCS
5	A	1	7	7	104	110	NCS
6	A	1	7	7	398	404	NCS
7	CTC	3	4	11	532	542	AgP
8	GCT	3	4	12	1021	1032	VP2
9	TGC	3	4	12	1074	1085	VP2
10	TTA	3	5	15	1095	1109	VP2
11	CTT	3	4	12	1636	1647	VP2, VP3
12	TC	2	3	6	1670	1675	VP2, VP3
13	AGA	3	5	15	1704	1718	VP2, VP3, VP1
14	A	1	7	7	1727	1733	VP2, VP3, VP1
15	A	1	9	9	1922	1930	VP1
16	A	1	6	6	1948	1953	VP1
17	TA	2	3	6	2189	2194	VP1
18	TGC	3	4	12	2485	2496	VP1
19	AGA	3	3	9	2515	2523	VP1
20	AC	2	3	6	2619	2624	VP1
21	TG	2	5	10	2853	2862	LTA
22	TC	2	3	6	2967	2972	LTA
23	AG	2	3	6	2999	3004	LTA
24	T	1	8	8	3091	3098	LTA
25	T	1	8	8	3233	3240	LTA
26	GCT	3	3	9	3453	3461	LTA
27	AC	2	3	6	3531	3536	LTA
28	AT	2	3	6	3609	3614	LTA
29	CA	2	3	6	3925	3930	LTA
30	A	1	7	7	3998	4004	LTA
31	AC	2	3	6	4056	4061	LTA
32	A	1	6	6	4107	4112	LTA
33	T	1	13	13	4378	4390	LTA
34	TTC	3	4	12	4418	4429	LTA

35	T	1	6	6	4441	4446	LTA
36	CTT	3	4	12	4453	4464	LTA
37	CAAAA	5	3	15	4491	4505	LTA
38	A	1	6	6	4564	4569	NCS
39	TA	2	3	6	4639	4644	STA
40	A	1	6	6	4972	4977	STA, LTA

BM68

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	7	7	8	14	NCS
2	TA	2	4	8	93	100	NCS
3	A	1	7	7	104	110	NCS
4	AGG	3	3	9	237	245	NCS
5	GT	2	3	6	300	305	NCS
6	A	1	7	7	398	404	NCS
7	TGC	3	4	12	1063	1074	VP2
8	TTA	3	4	12	1084	1095	VP2
9	AG	2	3	6	1334	1339	VP2
10	CTT	3	4	12	1625	1636	VP2
11	TC	2	3	6	1659	1664	VP2
12	AGA	3	5	15	1693	1707	VP2, VP1
13	A	1	7	7	1716	1722	VP2, VP1
14	A	1	6	6	1914	1919	VP1
15	AG	2	3	6	2092	2097	VP1
16	T	1	7	7	2141	2147	VP1
17	A	1	6	6	2269	2274	VP1
18	AC	2	3	6	2377	2382	VP1
19	AC	2	3	6	2608	2613	VP1
20	ATTTT	5	3	16	2781	2796	NCS
21	ATA	3	3	10	2950	2959	LTA
22	T	1	7	7	2971	2977	LTA
23	A	1	6	6	2998	3003	LTA
24	T	1	6	6	3089	3094	LTA
25	AT	2	3	6	3118	3123	LTA
26	T	1	7	7	3213	3219	LTA
27	CA	2	3	6	3432	3437	LTA
28	GCT	3	3	9	3449	3457	LTA
29	AC	2	3	6	3527	3532	LTA
30	TTTCA	5	3	16	3556	3571	LTA
31	CAA	3	3	9	3834	3842	LTA
32	CA	2	3	6	3921	3926	LTA
33	CTTG	4	3	11	3974	3984	LTA
34	CA	2	4	8	4051	4058	LTA
35	T	1	6	6	4263	4268	LTA
36	A	1	6	6	4286	4291	LTA
37	TC	2	3	6	4355	4360	LTA
38	T	1	13	13	4374	4386	LTA
39	TCA	3	4	12	4415	4426	LTA
40	CTT	3	4	12	4446	4457	LTA
41	CAAAA	5	3	15	4484	4498	LTA
42	A	1	6	6	4557	4562	NCS
43	CAA	3	4	11	4776	4786	STA
44	ATC	3	3	10	4845	4854	STA, LTA
45	A	1	6	6	4964	4969	STA, LTA
46	TG	2	3	6	5056	5061	STA, LTA

BM69

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CCT	3	4	12	43	54	NCS
2	TA	2	3	6	102	107	NCS
3	A	1	7	7	109	115	NCS
4	T	1	7	7	451	457	NCS
5	GCA	3	4	12	579	590	VP2
6	G	1	7	7	792	798	VP2
7	AAT	3	3	10	1190	1199	VP2, VP3
8	CAG	3	3	9	1279	1287	VP2, VP3
9	A	1	7	7	1557	1563	VP2, VP3, VP1
10	A	1	7	7	1608	1614	VP2, VP3, VP1
11	T	1	6	6	2383	2388	VP1
12	ATC	3	3	9	2719	2727	LTA
13	TTC	3	3	9	2749	2757	LTA
14	T	1	6	6	2820	2825	LTA
15	T	1	6	6	2960	2965	LTA

16	T	1	6	6	2983	2988	LTA
17	T	1	8	8	3100	3107	LTA
18	CA	2	3	6	3306	3311	LTA
19	T	1	7	7	3626	3632	LTA
20	ATT	3	4	11	3661	3671	LTA
21	T	1	6	6	3705	3710	LTA
22	CAT	3	4	11	3777	3787	LTA
23	T	1	8	8	3835	3842	LTA
24	CA	2	3	6	3906	3911	LTA
25	TA	2	3	6	3939	3944	LTA
26	AT	2	3	6	3949	3954	LTA
27	T	1	6	6	4120	4125	LTA
28	GATT	4	3	12	4131	4142	LTA
29	T	1	6	6	4265	4270	LTA
30	T	1	6	6	4320	4325	LTA
31	T	1	7	7	4431	4437	NCS
32	A	1	8	8	4498	4505	STA
33	CTT	3	3	9	4634	4642	STA
34	A	1	6	6	4719	4724	STA
35	TA	2	3	6	4875	4880	STA, LTA
36	T	1	6	6	4899	4904	STA, LTA
37	CT	2	3	6	5029	5034	STA, LTA

BM70

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	2	7	NCS
2	GCT	3	4	12	34	45	NCS
3	A	1	7	7	73	79	NCS
4	A	1	7	7	99	105	AgP
5	T	1	6	6	313	318	NCS
6	GCA	3	4	12	451	462	VP2
7	CT	2	3	6	675	680	VP2
8	TCC	3	3	10	684	693	VP2
9	GA	2	3	6	894	899	VP2, VP3
10	T	1	6	6	946	951	VP2, VP3
11	A	1	6	6	1237	1242	VP2, VP3
12	TGA	3	5	15	1480	1494	VP1
13	AT	2	3	6	2314	2319	VP1
14	A	1	6	6	2358	2363	VP1
15	T	1	6	6	2769	2774	NCS
16	ATT	3	4	11	2775	2785	NCS
17	A	1	6	6	2810	2815	NCS
18	TG	2	3	6	2840	2845	LTA
19	TG	2	3	6	2852	2857	LTA
20	AG	2	3	6	3073	3078	LTA
21	AT	2	3	6	3082	3087	LTA
22	T	1	6	6	3175	3180	LTA
23	CA	2	3	6	3310	3315	LTA
24	AT	2	3	6	3661	3666	LTA
25	T	1	7	7	3818	3824	LTA
26	CT	2	3	6	3833	3838	LTA
27	GT	2	3	6	3883	3888	LTA
28	C	1	6	6	4052	4057	LTA
29	TACA	4	3	11	4134	4144	LTA
30	T	1	6	6	4409	4414	LTA
31	A	1	6	6	4554	4559	STA
32	TA	2	3	6	4935	4940	LTA, STA

BM71

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CAG	3	3	10	41	50	NCS
2	TC	2	3	6	105	110	NCS
3	A	1	6	6	158	163	NCS
4	T	1	6	6	226	231	NCS
5	TGTTT	5	3	15	296	310	NCS
6	GCT	3	4	12	410	421	VP2
7	CTG	3	4	12	507	518	VP2
8	TA	2	3	6	652	657	VP2
9	G	1	8	8	1161	1168	VP2, VP3
10	A	1	7	7	1340	1346	VP2, VP3, VP1
11	TG	2	3	6	1558	1563	VP1
12	TTTG	4	3	12	1571	1582	VP1
13	AT	2	3	6	1640	1645	VP1

14	TA	2	3	6	2015	2020	VP1
15	T	1	6	6	2124	2129	VP1
16	TA	2	3	6	2351	2356	VP1
17	CA	2	3	6	2989	2994	LTA
18	AC	2	3	6	3092	3097	LTA
19	AC	2	3	6	3165	3170	LTA
20	T	1	7	7	3246	3252	LTA
21	T	1	6	6	3697	3702	LTA
22	TCT	3	4	12	4172	4183	LTA
23	AC	2	3	6	4592	4597	STA
24	T	1	6	6	4773	4778	LTA, STA
25	T	1	6	6	4807	4812	LTA, STA

BM72

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	TC	2	3	6	9	14	NCS
2	TC	2	3	6	71	76	NCS
3	A	1	8	8	125	132	NCS
4	GGA	3	4	12	133	144	NCS
5	TC	2	3	6	250	255	NCS
6	TC	2	6	11	317	327	NCS
7	TGC	3	4	11	520	530	VP2
8	AG	2	3	6	905	910	VP2, VP3
9	AC	2	3	6	1131	1136	VP2, VP3
10	CA	2	3	6	1334	1339	VP2, VP3, VP1
11	TG	2	3	6	1576	1581	VP1
12	A	1	6	6	1889	1894	VP1
13	GT	2	3	6	2023	2028	VP1
14	T	1	6	6	2133	2138	VP1
15	TGC	3	4	12	2378	2389	VP1
16	GCA	3	3	10	2767	2776	LTA
17	T	1	7	7	2801	2807	LTA
18	T	1	7	7	2834	2840	LTA
19	AC	2	3	6	2986	2991	LTA
20	TGG	3	4	12	3544	3555	LTA
21	T	1	6	6	3693	3698	LTA
22	CT	2	3	6	3744	3749	LTA
23	T	1	6	6	3796	3801	LTA
24	T	1	6	6	3840	3845	LTA
25	A	1	6	6	3891	3896	LTA
26	T	1	7	7	4099	4105	LTA
27	TTC	3	4	12	4182	4193	LTA
28	CTT	3	3	9	4554	4562	STA
29	AC	2	3	6	4618	4623	STA
30	T	1	6	6	4642	4647	STA
31	TC	2	3	6	4750	4755	STA, LTA

BM73

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	TA	2	3	6	112	117	NCS
2	A	1	6	6	119	124	NCS
3	CTT	3	4	12	612	623	VP2
4	TA	2	3	6	660	665	VP2
5	T	1	6	6	1188	1193	VP2, VP3
6	TA	2	3	6	1214	1219	VP2, VP3
7	T	1	7	7	1312	1318	VP2, VP3
8	GAA	3	4	12	1331	1342	VP2, VP3
9	A	1	6	6	1416	1421	VP1
10	GT	2	3	6	1422	1427	VP1
11	A	1	6	6	2069	2074	VP1
12	T	1	7	7	2834	2840	LTA
13	T	1	7	7	2961	2967	LTA
14	T	1	7	7	2978	2984	LTA
15	AT	2	3	6	3110	3115	LTA
16	AT	2	3	6	3353	3358	LTA
17	T	1	6	6	3393	3398	LTA
18	T	1	6	6	3504	3509	LTA
19	T	1	8	8	3580	3587	LTA
20	T	1	6	6	3872	3877	LTA
21	A	1	7	7	4340	4346	STA
22	AGCA	4	3	13	4377	4389	STA
23	A	1	7	7	4426	4432	STA
24	AT	2	6	11	4611	4621	STA

25	T	1	6	6	4621	4626	STA
26	T	1	6	6	4774	4779	STA, LTA

BM74

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	AT	2	3	8	59	66	NCS
2	A	1	6	6	70	75	NCS
3	TG	2	3	6	82	87	NCS
4	TA	2	3	6	278	283	NCS
5	TGC	3	4	12	436	447	VP2
6	TTA	3	3	9	593	601	VP2
7	ATT	3	3	9	987	995	VP2, VP3
8	CT	2	5	10	2021	2030	VP1
9	TCT	3	3	9	2280	2288	VP1
10	T	1	7	7	2561	2567	LTA
11	T	1	7	7	2749	2755	LTA
12	T	1	8	8	2878	2885	LTA
13	AC	2	3	6	2900	2905	LTA
14	T	1	6	6	3402	3407	LTA
15	ATT	3	4	11	3436	3446	LTA
16	CT	2	3	6	3509	3514	LTA
17	AT	2	3	6	3526	3531	LTA
18	T	1	6	6	3770	3775	LTA
19	TA	2	3	6	3914	3919	LTA
20	A	1	6	6	3962	3967	LTA
21	T	1	6	6	4059	4064	LTA, MTA
22	TCA	3	3	9	4082	4090	LTA, MTA
23	T	1	7	7	4366	4372	MTA, STA
24	AC	2	3	6	4406	4411	MTA, STA
25	AAC	3	3	9	4517	4525	MTA, STA
26	AG	2	4	8	4759	4766	MTA, STA, LTA

BM75

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	AG	2	3	6	48	53	NCS
2	T	1	6	6	59	64	NCS
3	A	1	6	6	121	126	NCS
4	AT	2	3	6	175	180	NCS
5	CG	2	4	8	267	274	NCS
6	T	1	7	7	440	446	NCS
7	C	1	6	6	595	600	putative ORF-X
8	GA	2	3	8	722	729	putative ORF-X
9	C	1	6	6	793	798	putative ORF-X
10	GAT	3	3	11	818	828	putative ORF-X
11	GA	2	3	6	982	987	NCS
12	GCT	3	4	12	1124	1135	putative protein 2
13	AGC	3	4	12	1171	1182	putative protein 2
14	CAC	3	4	12	1397	1408	putative protein 2
15	A	1	6	6	1770	1775	putative protein 2, putative protein 3
16	TAC	3	3	9	2069	2077	VP1
17	C	1	7	7	2165	2171	VP1
18	CT	2	3	6	2686	2691	VP1
19	GC	2	6	11	3114	3124	NCS
20	TG	2	6	13	4715	4727	LTA
21	TCC	3	4	12	5024	5035	LTA

BM76

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	9	14	NCS
2	GC	2	3	6	362	367	NCS
3	GC	2	3	6	443	448	agnoprotein 1a, agnoprotein 1b, agnoprotein 2a, agnoprotein 2b
4	C	1	6	6	589	594	NCS
5	GA	2	3	6	1312	1317	VP2, VP3
6	TA	2	3	6	1516	1521	VP2, VP3
7	C	1	7	7	1785	1791	VP2, VP3
8	A	1	7	7	2044	2050	VP1
9	C	1	6	6	2098	2103	VP1

10	C	1	7	7	2560	2566	VP1
11	GT	2	3	6	2866	2871	VP1
12	C	1	6	6	2910	2915	VP1
13	TAT	3	4	11	3019	3029	LTA
14	AAT	3	3	10	3273	3282	LTA
15	AT	2	3	6	3601	3606	LTA
16	AT	2	3	6	3646	3651	LTA
17	TA	2	3	6	4006	4011	LTA
18	T	1	6	6	4220	4225	LTA
19	A	1	6	6	4562	4567	STA
20	TC	2	3	6	4646	4651	STA
21	CT	2	3	6	4755	4760	STA, LTA

BM77

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	9	9	54	62	NCS
2	AT	2	3	6	129	134	NCS
3	GC	2	3	6	221	226	NCS
4	C	1	6	6	389	394	putative ORF-X
5	GT	2	3	6	410	415	NCS
6	C	1	6	6	609	614	putative ORF-X
7	C	1	6	6	641	646	putative ORF-X
8	C	1	6	6	781	786	NCS
9	AGC	3	4	12	967	978	putative VP2
10	ATT	3	3	10	1278	1287	putative VP2, putative VP3
11	C	1	6	6	2027	2032	VP1
12	A	1	6	6	2034	2039	VP1
13	AC	2	5	10	2475	2484	VP1
14	CT	2	3	6	2548	2553	VP1
15	AC	2	3	6	3077	3082	LTA
16	T	1	6	6	3177	3182	LTA
17	AGC	3	3	9	3568	3576	LTA
18	G	1	6	6	3632	3637	LTA
19	AT	2	3	6	3703	3708	LTA
20	CCT	3	4	12	3946	3957	LTA
21	T	1	6	6	4202	4207	LTA
22	AC	2	3	6	4327	4332	LTA
23	TGG	3	4	12	4531	4542	LTA
24	T	1	6	6	4631	4636	STA

BM78

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	51	56	NCS
2	AT	2	3	6	127	132	NCS
3	GC	2	3	6	206	211	NCS
4	CT	2	3	6	414	419	NCS
5	C	1	7	7	614	620	VP4
6	ACC	3	3	9	878	886	NCS
7	AGC	3	4	12	1230	1241	VP2
8	AT	2	3	6	1334	1339	VP2, VP3
9	TC	2	3	6	1340	1345	VP2, VP3
10	GAG	3	4	12	1628	1639	VP2, VP3
11	GAG	3	4	12	1837	1848	VP2, VP3, VP1
12	TA	2	3	6	2593	2598	VP1
13	AGC	3	3	9	2607	2615	VP1
14	A	1	8	8	2971	2978	NCS
15	CA	2	3	6	3105	3110	LTA
16	T	1	6	6	4194	4199	LTA
17	T	1	6	6	4236	4241	LTA
18	A	1	7	7	4293	4299	LTA
19	C	1	6	6	4306	4311	LTA
20	AAGC	4	3	12	4440	4451	LTA
21	TTGCT	5	3	14	4656	4669	STA

BM79

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	TA	2	3	6	30	35	NCS
2	T	1	6	6	36	41	NCS
3	AAGG	4	3	11	81	91	NCS
4	GC	2	7	13	203	215	NCS
5	AC	2	3	6	344	349	ORF-X
6	C	1	7	7	654	660	ORF-X
7	TGC	3	4	12	1165	1176	VP2
8	CT	2	3	6	1365	1370	VP2, VP3
9	TA	2	3	6	1373	1378	VP2, VP3
10	AT	2	3	6	1423	1428	VP2, VP3
11	TA	2	3	6	1550	1555	VP2, VP3
12	GAA	3	4	12	1667	1678	VP2, VP3
13	GGA	3	4	12	1905	1916	VP2, VP3, VP1
14	ACCT	4	3	11	2080	2090	VP1
15	CT	2	3	6	2602	2607	VP1
16	TC	2	3	6	2769	2774	VP1
17	GT	2	4	8	3006	3013	NCS
18	GT	2	3	6	3028	3033	NCS
19	T	1	6	6	3182	3187	LTA
20	TC	2	3	6	3586	3591	LTA
21	CAG	3	3	10	3621	3630	LTA
22	TC	2	3	6	3950	3955	LTA
23	T	1	6	6	4018	4023	LTA
24	T	1	6	6	4276	4281	LTA
25	AC	2	3	6	4292	4297	LTA
26	T	1	6	6	4318	4323	LTA
27	C	1	6	6	4388	4393	LTA
28	TCT	3	4	12	4928	4939	LTA, STA
29	ATTA	4	3	12	5015	5026	LTA, STA
30	T	1	6	6	5037	5042	LTA, STA
31	T	1	6	6	5103	5108	LTA, STA
32	GCA	3	4	12	5127	5138	LTA, STA
33	CT	2	3	6	5140	5145	LTA, STA

BM80

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	40	45	NCS
2	ATA	3	3	9	82	90	NCS
3	AT	2	3	6	118	123	NCS
4	GCT	3	4	12	256	267	NCS
5	CCCA	4	3	12	489	500	putative ORF-X
6	GC	2	3	6	671	676	putative ORF-X
7	CAG	3	3	9	770	778	putative ORF-X
8	GCA	3	3	9	1317	1325	putative VP2
9	TA	2	3	6	1567	1572	putative VP2, putative VP3
10	GCAA	4	3	12	1929	1940	putative VP2, putative VP3
11	A	1	6	6	2084	2089	putative VP2, putative VP3, putative VP1
12	A	1	6	6	2098	2103	putative VP2, putative VP3, putative VP1
13	GT	2	3	6	3068	3073	putative VP1
14	TAA	3	3	10	3213	3222	NCS
15	TC	2	3	6	3767	3772	LTA
16	T	1	7	7	3877	3883	LTA
17	G	1	6	6	4742	4747	LTA
18	CG	2	3	6	4946	4951	STA

BM81

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	7	7	26	32	NCS
2	AT	2	3	6	248	253	NCS
3	C	1	6	6	417	422	NCS
4	G	1	8	8	558	565	VP2
5	C	1	6	6	1341	1346	VP2, VP3
6	CT	2	3	6	2160	2165	VP1
7	A	1	6	6	2472	2477	VP1
8	C	1	6	6	2498	2503	VP1
9	GA	2	3	6	2504	2509	VP1
10	TTC	3	5	15	2850	2864	LTA
11	CA	2	4	8	2866	2873	LTA
12	GAG	3	4	12	2997	3008	LTA
13	AT	2	3	6	3126	3131	LTA
14	G	1	6	6	3172	3177	LTA
15	ATC	3	5	15	3588	3602	LTA

16	TA	2	3	6	3892	3897	LTA
17	C	1	6	6	4073	4078	LTA
18	CTG	3	4	12	4215	4226	LTA
19	CTG	3	3	9	4686	4694	LTA, STA
20	AG	2	3	6	4758	4763	LTA, STA

BM82

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	40	45	NCS
2	ATA	3	3	9	82	90	NCS
3	AT	2	3	6	118	123	NCS
4	CCCA	4	3	12	480	491	putative ORF-X
5	GC	2	4	8	660	667	putative ORF-X
6	GCA	3	3	9	1308	1316	putative VP2
7	CT	2	3	6	1684	1689	putative VP2, putative VP3
8	GA	2	3	6	1775	1780	putative VP2, putative VP3
9	A	1	6	6	2092	2097	putative VP2, putative VP3, VP1
10	C	1	6	6	2285	2290	VP1
11	CCA	3	3	12	2780	2791	VP1
12	AG	2	3	6	2942	2947	VP1
13	GT	2	3	6	3062	3067	VP1
14	TAA	3	3	10	3207	3216	NCS
15	G	1	6	6	3558	3563	LTA
16	CT	2	3	6	3594	3599	LTA
17	AT	2	3	6	3723	3728	LTA
18	TC	2	3	6	3761	3766	LTA
19	G	1	6	6	4736	4741	LTA
20	A	1	6	6	4895	4900	STA
21	CG	2	3	6	4940	4945	STA

BM83

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	7	7	40	46	NCS
2	CA	2	3	6	74	79	NCS
3	TG	2	4	10	147	156	NCS
4	AAG	3	3	10	934	943	NCS
5	C	1	8	8	1028	1035	NCS
6	CT	2	3	6	1552	1557	VP2, VP3
7	AC	2	3	6	1668	1673	VP2, VP3
8	CAGA	4	3	11	1845	1855	VP2, VP3
9	A	1	6	6	2244	2249	VP1
10	G	1	6	6	2393	2398	VP1
11	GT	2	3	6	2623	2628	VP1
12	AT	2	3	6	2815	2820	VP1
13	AC	2	3	6	2938	2943	VP1
14	C	1	8	8	3123	3130	NCS
15	C	1	6	6	3141	3146	NCS
16	GC	2	4	8	3261	3268	NCS
17	AAAGC	5	3	15	3830	3844	LTA
18	C	1	6	6	3910	3915	LTA
19	G	1	6	6	3994	3999	LTA
20	TTC	3	3	9	4549	4557	LTA
21	T	1	7	7	4593	4599	LTA
22	GA	2	3	6	4725	4730	LTA
23	T	1	6	6	4736	4741	LTA
24	G	1	7	7	4879	4885	LTA
25	C	1	6	6	4953	4958	STA
26	AT	2	3	6	5075	5080	STA
27	AT	2	3	6	5087	5092	STA
28	TCC	3	4	12	5183	5194	LTA, STA
29	C	1	7	7	5239	5245	LTA, STA

BM84

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	GC	2	3	6	15	20	NCS
2	TA	2	3	6	82	87	NCS
3	A	1	8	8	89	96	NCS
4	TC	2	3	6	128	133	NCS
5	TC	2	3	6	141	146	NCS
6	AT	2	3	6	1012	1017	VP2, VP3
7	T	1	6	6	1017	1022	VP2, VP3
8	CATA	4	3	11	1190	1200	VP2, VP3

9	C	1	6	6	1292	1297	VP2, VP3
10	AG	2	3	6	1317	1322	VP2, VP3
11	C	1	7	7	1566	1572	VP2, VP3, VP1
12	A	1	6	6	1573	1578	VP2, VP3, VP1
13	TAA	3	4	11	1613	1623	VP2, VP3, VP1
14	G	1	6	6	1624	1629	VP2, VP3, VP1
15	GT	2	3	6	2159	2164	VP1
16	TA	2	3	6	2333	2338	VP1
17	CAG	3	3	11	2340	2350	VP1
18	T	1	6	6	2706	2711	LTA
19	TC	2	3	6	2771	2776	LTA
20	T	1	7	7	2878	2884	LTA
21	TA	2	3	6	2914	2919	LTA
22	CA	2	3	6	3247	3252	LTA
23	C	1	6	6	3436	3441	LTA
24	TCT	3	3	12	3783	3794	LTA
25	A	1	7	7	3806	3812	LTA
26	T	1	6	6	3926	3931	LTA
27	AT	2	3	6	4008	4013	LTA
28	TA	2	3	6	4370	4375	STA
29	T	1	6	6	4382	4387	STA
30	TA	2	3	6	4393	4398	STA
31	AT	2	3	6	4564	4569	NCS

BM85

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	T	1	6	6	146	151	NCS
2	A	1	7	7	176	182	NCS
3	G	1	8	8	251	258	NCS
4	T	1	12	12	343	354	NCS
5	A	1	24	24	641	664	NCS
6	C	1	6	6	766	771	NCS
7	T	1	29	29	777	805	NCS
8	T	1	11	11	917	927	NCS
9	A	1	6	6	1007	1012	NCS
10	T	1	6	6	1017	1022	NCS
11	T	1	8	8	1081	1088	NCS
12	A	1	6	6	1160	1165	NCS
13	T	1	12	12	1206	1217	NCS
14	A	1	6	6	1539	1544	sVP1
15	TA	2	3	6	1583	1588	sVP1
16	C	1	6	6	1596	1601	sVP1
17	GGC	3	4	12	1690	1701	Svp1, VP2
18	GGGGAG	6	3	19	1817	1835	VP2
19	G	1	6	6	2068	2073	VP2
20	AG	2	3	6	2227	2232	VP2
21	CAA	3	4	12	2276	2287	VP2
22	A	1	6	6	2343	2348	VP2
23	AG	2	3	6	2519	2524	VP2
24	AG	2	3	6	2530	2535	VP2
25	GAA	3	5	14	2633	2646	VP2
26	GA	2	3	6	2799	2804	VP2
27	AG	2	3	6	3065	3070	VP2
28	TC	2	3	6	3220	3225	VP2
29	C	1	7	7	3266	3272	VP2
30	A	1	6	6	3358	3363	VP2, VP1
31	G	1	6	6	3378	3383	VP2, VP1
32	A	1	6	6	3517	3522	VP1, sVP1
33	C	1	6	6	3981	3986	VP1, sVP1
34	C	1	6	6	4301	4306	VP1, sVP1
35	A	1	6	6	4416	4421	VP1, sVP1
36	A	1	11	11	4541	4551	NCS
37	AT	2	4	8	4737	4744	NCS
38	AT	2	8	15	4774	4788	NCS
39	A	1	7	7	4866	4872	NCS
40	A	1	6	6	4919	4924	NCS
41	T	1	7	7	4963	4969	NCS
42	TCC	3	9	27	5256	5282	sLT, LTA
43	G	1	8	8	5466	5473	sLT, LTA
44	A	1	6	6	5482	5487	sLT, LTA
45	G	1	6	6	5985	5990	sLT, LTA
46	CT	2	3	6	6021	6026	sLT, LTA
47	GCA	3	3	10	6390	6399	sLT, LTA
48	TC	2	3	6	6481	6486	sLT, LTA

49	CA	2	3	6	6524	6529	sLT, LTA
50	T	1	6	6	6536	6541	sLT, LTA
51	G	1	6	6	6759	6764	sLT, LTA
52	C	1	7	7	6913	6919	sLT, LTA
53	GTCC	4	3	11	6992	7002	sLT, LTA
54	CA	2	3	6	7048	7053	sLT, LTA
55	AATG	4	3	12	7058	7069	sLT, LTA
56	TC	2	3	6	7287	7292	sLT, LTA

BM86

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	A	1	7	7	47	53	NCS
2	TA	2	4	8	55	62	NCS
3	AC	2	3	6	176	181	NCS
4	T	1	6	6	399	404	NCS
5	AGC	3	3	9	722	730	VP2
6	AG	2	3	6	871	876	NCS
7	TGT	3	4	12	2169	2180	VP1
8	AT	2	3	6	2791	2796	NCS
9	TG	2	3	6	2860	2865	LTA
10	AT	2	3	6	2923	2928	LTA
11	AC	2	4	8	2971	2978	LTA
12	AT	2	3	6	3054	3059	LTA
13	CTT	3	3	9	3130	3138	LTA
14	TTA	3	4	12	3202	3213	LTA
15	T	1	7	7	3245	3251	LTA
16	TA	2	3	6	3282	3287	LTA
17	CA	2	3	6	3470	3475	LTA
18	AATT	4	3	11	3476	3486	LTA
19	T	1	7	7	3677	3683	LTA
20	C	1	6	6	4118	4123	LTA
21	CTT	3	4	11	4399	4409	LTA
22	T	1	8	8	4408	4415	LTA
23	A	1	6	6	4701	4706	STA
24	T	1	7	7	4762	4768	STA
25	TCA	3	3	9	4890	4898	STA
26	T	1	6	6	5139	5144	LTA, STA
27	CT	2	3	6	5145	5150	LTA, STA

BM87

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	CCT	3	3	10	10	19	NCS
2	GC	2	3	6	40	45	NCS
3	AT	2	3	6	55	60	NCS
4	A	1	6	6	63	68	NCS
5	CTTA	4	3	12	760	771	VP2
6	A	1	7	7	897	903	VP2
7	GAA	3	4	13	939	951	VP2
8	TA	2	5	10	1354	1363	VP1
9	A	1	6	6	1455	1460	VP1
10	TC	2	3	6	2010	2015	STA
11	ATC	3	3	9	2084	2092	STA
12	AT	2	3	6	2261	2266	LTA
13	AC	2	3	6	2351	2356	LTA
14	T	1	8	8	2413	2420	LTA
15	T	1	6	6	2440	2445	LTA
16	TC	2	3	6	2596	2601	LTA
17	TTG	3	4	11	2792	2802	LTA
18	TA	2	3	6	3130	3135	LTA
19	GAA	3	3	9	3700	3708	LTA
20	CAT	3	6	18	3716	3733	LTA
21	T	1	6	6	3850	3855	LTA

BM88

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	PROTEIN
1	TA	2	3	6	45	50	NCS
2	A	1	6	6	97	102	NCS
3	T	1	10	10	280	289	NCS
4	T	1	12	12	325	336	NCS
5	T	1	14	14	350	363	NCS
6	T	1	12	12	399	410	NCS
7	T	1	7	7	561	567	NCS

8	T	1	10	10	581	590	NCS
9	T	1	10	10	604	613	NCS
10	T	1	11	11	628	638	NCS
11	TC	2	3	6	730	735	NCS
12	T	1	6	6	778	783	NCS
13	ATGT	4	3	11	825	835	Cys-pro leader peptide
14	TGC	3	4	12	1205	1216	VP2
15	TGT	3	3	9	1660	1668	VP2
16	AG	2	3	6	1838	1843	VP2
17	CA	2	3	6	1906	1911	VP2
18	A	1	6	6	1956	1961	VP2
19	AG	2	6	11	2002	2012	VP2
20	A	1	6	6	2268	2273	VP2
21	GTT	3	3	10	2414	2423	VP2
22	T	1	6	6	3642	3647	NCS
23	A	1	6	6	3663	3668	NCS
24	A	1	6	6	3692	3697	NCS
25	A	1	17	17	3813	3829	NCS
26	T	1	9	9	3851	3859	NCS
27	T	1	10	10	3863	3872	NCS
28	T	1	9	9	4084	4092	LTA
29	CCT	3	4	12	4209	4220	LTA
30	GC	2	3	6	4352	4357	LTA
31	ATCGAA	6	3	19	4614	4632	LTA
32	CT	2	3	6	4689	4694	LTA
33	TG	2	3	6	4754	4759	LTA
34	TC	2	3	6	5377	5382	LTA
35	AG	2	3	6	5445	5450	LTA
36	GC	2	3	6	5479	5484	LTA
37	TG	2	3	6	5722	5727	LTA
38	TCAG	4	3	13	5849	5861	LTA
39	TC	2	3	6	5966	5971	LTA

BM89

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CAGTG	5	3	15	11	25	NCS
2	A	1	6	6	53	58	NCS
3	T	1	7	7	80	86	NCS
4	A	1	10	10	129	138	NCS
5	TG	2	3	6	196	201	NCS
6	AAC	3	3	9	378	386	NCS
7	T	1	13	13	401	413	NCS
8	A	1	13	13	418	430	NCS
9	T	1	15	15	491	505	NCS
10	TGC	3	4	11	783	793	VP2
11	ACT	3	3	10	957	966	VP2, VP3
12	C	1	6	6	1153	1158	VP2, VP3
13	GA	2	3	6	1225	1230	VP2, VP3
14	A	1	7	7	1429	1435	VP2, VP3
15	T	1	6	6	1450	1455	VP2
16	AATT	4	3	11	1530	1540	VP1
17	C	1	6	6	1699	1704	VP1
18	C	1	7	7	2157	2163	VP1
19	TC	2	3	6	2248	2253	VP1
20	GA	2	3	6	2510	2515	VP1
21	T	1	8	8	2671	2678	LTA
22	G	1	6	6	2869	2874	LTA
23	T	1	7	7	2922	2928	LTA
24	T	1	6	6	2938	2943	LTA
25	T	1	7	7	3216	3222	LTA
26	TCA	3	3	10	3233	3242	LTA
27	T	1	7	7	4066	4072	LTA
28	G	1	7	7	4187	4193	LTA
29	G	1	8	8	4229	4236	LTA
30	TCC	3	4	12	4252	4263	LTA
31	TAAAT	5	4	20	4483	4502	LTA
32	AT	2	3	6	4821	4826	LTA, STA
33	CT	2	3	6	4879	4884	LTA, STA
34	TC	2	3	6	5062	5067	LTA, STA

BM90

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	32	37	NCS

2	T	1	7	7	59	65	NCS
3	A	1	11	11	108	118	NCS
4	AAC	3	4	12	379	390	NCS
5	T	1	10	10	404	413	NCS
6	A	1	9	9	418	426	NCS
7	GAA	3	4	12	427	438	NCS
8	T	1	15	15	495	509	NCS
9	TGC	3	4	11	787	797	VP2
10	CT	2	3	6	952	957	VP2, VP3
11	TC	2	3	6	994	999	VP2, VP3
12	AGA	3	4	12	1004	1015	VP2, VP3
13	C	1	6	6	1151	1156	VP2, VP3
14	A	1	7	7	1421	1427	VP2, VP3
15	T	1	6	6	1442	1447	NCS
16	C	1	6	6	1692	1697	VP1
17	ATG	3	4	11	1750	1760	VP1
18	C	1	7	7	2149	2155	VP1
19	A	1	6	6	2348	2353	VP1
20	T	1	7	7	2664	2670	LTA
21	AG	2	3	6	2798	2803	LTA
22	TAA	3	3	10	2867	2876	LTA
23	T	1	6	6	2930	2935	LTA
24	T	1	7	7	3208	3214	LTA
25	TC	2	3	6	3362	3367	LTA
26	CT	2	3	6	3380	3385	LTA
27	T	1	7	7	4058	4064	LTA
28	G	1	7	7	4179	4185	LTA
29	G	1	8	8	4221	4228	LTA
30	TCC	3	4	12	4244	4255	LTA
31	CT	2	3	6	4878	4883	LTA, STA
32	TC	2	3	6	5061	5066	LTA, STA

BM91

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	TG	2	5	10	32	41	NCS
2	T	1	7	7	71	77	NCS
3	A	1	10	10	120	129	NCS
4	T	1	6	6	412	417	NCS
5	A	1	13	13	426	438	NCS
6	T	1	13	13	504	516	NCS
7	TGC	3	4	11	794	804	VP2
8	G	1	6	6	1041	1046	VP2, VP3
9	A	1	7	7	1434	1440	VP2, VP3
10	T	1	6	6	1455	1460	NCS
11	AATT	4	3	11	1536	1546	VP1
12	G	1	6	6	1549	1554	VP1
13	GA	2	3	6	2516	2521	VP1
14	T	1	7	7	2672	2678	LTA
15	G	1	6	6	2869	2874	LTA
16	TAA	3	3	10	2875	2884	LTA
17	TGC	3	3	9	3160	3168	LTA
18	AT	2	3	6	3207	3212	LTA
19	CT	2	3	6	3388	3393	LTA
20	AATA	4	3	12	3853	3864	LTA
21	TA	2	3	6	3933	3938	LTA
22	T	1	7	7	4066	4072	LTA
23	TC	2	4	8	4115	4122	LTA
24	G	1	6	6	4244	4249	LTA
25	TC	2	3	6	4337	4342	LTA
26	GGA	3	4	12	4366	4377	LTA
27	AGA	3	4	12	4416	4427	LTA
28	CA	2	3	6	4869	4874	STA
29	CT	2	3	6	4884	4889	STA, LTA

BM92

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	69	78	NCS
2	GC	2	3	6	246	251	NCS
3	GC	2	4	8	267	274	NCS
4	A	1	9	9	325	333	NCS
5	GT	2	3	6	1226	1231	VP1
6	G	1	7	7	1281	1287	VP1
7	CTC	3	4	12	1736	1747	VP1

8	A	1	6	6	2323	2328	VP1
9	C	1	7	7	2332	2338	VP1
10	AAT	3	3	10	2343	2352	NCS
11	ATC	3	4	12	2538	2549	LTA
12	T	1	6	6	2988	2993	LTA
13	TGC	3	3	9	3126	3134	LTA
14	A	1	6	6	3333	3338	LTA
15	T	1	6	6	3425	3430	LTA
16	AGG	3	3	9	3901	3909	LTA
17	AGAA	4	3	13	3984	3996	LTA
18	G	1	6	6	4221	4226	LTA
19	TGA	3	4	12	4317	4328	LTA
20	A	1	6	6	4501	4506	STA
21	GCAA	4	3	11	4611	4621	STA
22	CAT	3	3	9	4897	4905	STA, LTA
23	T	1	6	6	4940	4945	STA, LTA
24	CT	2	3	6	4950	4955	STA, LTA
25	T	1	7	7	5027	5033	STA, LTA
26	T	1	6	6	5035	5040	STA, LTA

BM93

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	55	64	NCS
2	T	1	7	7	64	70	NCS
3	A	1	9	9	114	122	NCS
4	ATG	3	4	12	1277	1288	VP1
5	CTG	3	4	11	1473	1483	VP1
6	G	1	6	6	1779	1784	VP1
7	AT	2	3	6	2148	2153	VP1
8	GA	2	3	6	2372	2377	LTA
9	G	1	6	6	2579	2584	LTA
10	TC	2	3	6	2652	2657	LTA
11	TAA	3	4	12	3077	3088	LTA
12	AAT	3	3	9	3156	3164	LTA
13	CTGTG	5	3	15	3504	3518	LTA
14	TTA	3	4	12	4163	4174	NCS
15	A	1	7	7	4188	4194	NCS
16	A	1	6	6	4199	4204	NCS
17	GT	2	3	6	4286	4291	STA
18	TC	2	3	6	4361	4366	STA
19	TC	2	3	6	4463	4468	STA
20	AT	2	3	6	4509	4514	STA
21	AG	2	3	6	4580	4585	STA, LTA
22	T	1	6	6	4633	4638	STA, LTA
23	T	1	8	8	4729	4736	STA, LTA

BM94

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CCT	3	3	10	56	65	NCS
2	T	1	7	7	65	71	NCS
3	A	1	10	10	115	124	NCS
4	GTT	3	3	10	156	165	NCS
5	CG	2	3	6	418	423	NCS
6	CA	2	3	6	726	731	VP2, VP3
7	AGC	3	3	9	816	824	VP2, VP3
8	TC	2	3	6	931	936	VP2, VP3
9	GA	2	3	6	1208	1213	VP1
10	GAG	3	3	9	1254	1262	VP1
11	AG	2	5	10	2093	2102	NCS
12	AT	2	3	6	2266	2271	NCS
13	ACC	3	4	11	2294	2304	NCS
14	CT	2	3	6	2475	2480	LTA
15	T	1	6	6	2579	2584	LTA
16	TC	2	3	6	2761	2766	LTA
17	T	1	6	6	2805	2810	LTA
18	AGC	3	4	11	2941	2951	LTA
19	TA	2	3	6	3038	3043	LTA
20	T	1	7	7	3123	3129	LTA
21	AGC	3	3	9	3637	3645	LTA
22	G	1	9	9	4021	4029	LTA, PALTA
23	GAG	3	4	12	4138	4149	LTA, PALTA
24	CAG	3	3	12	4344	4355	STA
25	A	1	6	6	4439	4444	STA

26	CTTTCT	6	3	19	4845	4863	STA, LTA

BM95

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	AT	2	3	6	75	80	NCS
2	A	1	8	8	84	91	NCS
3	A	1	6	6	194	199	NCS
4	G	1	6	6	565	570	AgnoP, VP2
5	AGT	3	4	11	592	602	VP2
6	GT	2	3	6	618	623	VP2
7	A	1	6	6	1469	1474	VP2, VP3
8	T	1	8	8	1910	1917	VP1
9	G	1	6	6	1922	1927	VP1
10	G	1	6	6	2139	2144	VP1
11	TA	2	3	6	2461	2466	VP1
12	T	1	6	6	2736	2741	LTA
13	TTGCTC	6	5	31	2740	2770	LTA
14	TTGCTC	6	9	54	2747	2800	LTA
15	TTC	3	3	12	2795	2806	LTA
16	T	1	6	6	2823	2828	LTA
17	T	1	9	9	3065	3073	LTA
18	T	1	7	7	3166	3172	LTA
19	T	1	8	8	3182	3189	LTA
20	AC	2	3	6	3305	3310	LTA
21	CA	2	3	6	3388	3393	LTA
22	T	1	6	6	3604	3609	LTA
23	T	1	8	8	3673	3680	LTA
24	T	1	7	7	3714	3720	LTA
25	C	1	6	6	3959	3964	LTA
26	AACTAA	6	3	17	4043	4059	LTA
27	TA	2	5	10	4144	4153	LTA
28	T	1	7	7	4180	4186	LTA
29	A	1	6	6	4233	4238	LTA
30	CT	2	3	6	4301	4306	LTA
31	T	1	9	9	4322	4330	LTA
32	T	1	6	6	4332	4337	LTA
33	TA	2	5	10	4522	4531	NCS
34	CA	2	3	6	4734	4739	STA
35	TGCA	4	3	11	4749	4759	STA
36	T	1	6	6	4917	4922	STA, LTA
37	AC	2	3	6	5003	5008	STA, LTA

BM96

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	T	1	6	6	71	76	NCS
2	TA	2	3	6	113	118	NCS
3	A	1	9	9	121	129	NCS
4	T	1	6	6	542	547	NCS
5	GC	2	3	6	679	684	VP2
6	TA	2	3	6	1125	1130	VP2, VP3
7	G	1	6	6	2094	2099	VP1
8	CTA	3	5	14	2346	2359	VP1
9	A	1	7	7	2455	2461	VP1
10	G	1	7	7	2812	2818	LTA
11	TA	2	3	6	2970	2975	LTA
12	T	1	6	6	3036	3041	LTA
13	T	1	6	6	3163	3168	LTA
14	T	1	6	6	3178	3183	LTA
15	CT	2	3	6	3672	3677	LTA
16	TA	2	3	6	3863	3868	LTA
17	T	1	6	6	4204	4209	LTA
18	G	1	7	7	4320	4326	LTA, PALTA
19	T	1	6	6	4340	4345	LTA, PALTA
20	A	1	6	6	4507	4512	NCS
21	TC	2	3	6	4734	4739	STA
22	A	1	7	7	4757	4763	STA
23	A	1	6	6	4911	4916	STA, LTA
24	CT	2	3	6	4991	4996	STA, LTA

BM97

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	TC	2	3	6	13	18	NCS

2	A	1	7	7	75	81	NCS
3	GC	2	3	6	87	92	NCS
4	TG	2	3	6	208	213	NCS
5	AC	2	3	6	224	229	NCS
6	CT	2	3	6	254	259	NCS
7	T	1	6	6	340	345	NCS
8	AGC	3	4	12	453	464	VP2
9	CT	2	3	6	528	533	VP2
10	T	1	7	7	579	585	VP2, VP3
11	AG	2	3	6	877	882	VP2, VP3
12	GA	2	3	6	934	939	VP2, VP3
13	AG	2	3	6	1068	1073	VP2, VP3
14	T	1	7	7	2050	2056	VP1
15	A	1	9	9	2589	2597	NCS
16	T	1	6	6	2645	2650	LTA
17	T	1	7	7	2891	2897	LTA
18	CA	2	3	6	3302	3307	LTA
19	AT	2	3	6	3335	3340	LTA
20	AT	2	3	6	3407	3412	LTA
21	T	1	6	6	3561	3566	LTA
22	AG	2	3	6	3983	3988	LTA
23	TA	2	3	6	4074	4079	LTA
24	TCT	3	3	9	4167	4175	LTA
25	TCT	3	4	11	4228	4238	LTA
26	G	1	9	9	4241	4249	LTA
27	G	1	7	7	4256	4262	LTA
28	AGG	3	4	12	4279	4290	LTA
29	AGA	3	5	15	4303	4317	LTA
30	CTT	3	3	9	4400	4408	LTA
31	GAG	3	4	12	4409	4420	LTA
32	G	1	6	6	4420	4425	LTA
33	T	1	7	7	4733	4739	STA
34	AAT	3	4	12	4817	4828	STA
35	A	1	7	7	4860	4866	STA
36	T	1	6	6	4886	4891	STA
37	T	1	6	6	4991	4996	STA, LTA
38	AG	2	3	6	5029	5034	STA, LTA

BM98

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	CT	2	3	6	9	14	NCS
2	A	1	10	10	70	79	NCS
3	CA	2	3	6	143	148	NCS
4	T	1	7	7	260	266	NCS
5	AGC	3	4	12	456	467	VP2
6	TGAG	4	3	12	834	845	VP2, VP3
7	TG	2	5	10	1594	1603	MCP
8	TG	2	6	11	2053	2063	MCP
9	GA	2	3	6	2300	2305	MCP
10	CAG	3	4	13	2324	2336	MCP
11	CCT	3	4	12	2417	2428	MCP
12	AG	2	3	6	2467	2472	MCP
13	C	1	6	6	2579	2584	MCP
14	A	1	6	6	2669	2674	MCP
15	T	1	7	7	2757	2763	LTA
16	CTC	3	4	12	2768	2779	LTA
17	CT	2	3	6	3608	3613	LTA
18	T	1	6	6	3679	3684	LTA
19	G	1	7	7	3786	3792	LTA
20	AG	2	3	6	4101	4106	LTA
21	TA	2	3	6	4192	4197	LTA
22	TTC	3	4	12	4287	4298	LTA, MTA, ALTO
23	TTG	3	4	12	4350	4361	LTA, MTA, ALTO
24	G	1	7	7	4374	4380	LTA, MTA, ALTO
25	A	1	9	9	4648	4656	NCS
26	CA	2	3	6	4798	4803	STA
27	T	1	6	6	4817	4822	STA, MTA
28	T	1	7	7	4824	4830	STA, MTA
29	AGG	3	3	10	5000	5009	STA, MTA, LTA
30	TC	2	3	6	5014	5019	STA, MTA, LTA
31	T	1	6	6	5072	5077	STA, MTA, LTA

BM99

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	GT	2	3	6	5	10	NCS
2	T	1	6	6	25	30	NCS
3	GT	2	4	8	49	56	NCS
4	A	1	7	7	179	185	NCS
5	C	1	6	6	478	483	ORF2
6	T	1	6	6	619	624	ORF2
7	A	1	6	6	693	698	NCS
8	AG	2	3	6	831	836	NCS
9	T	1	10	10	968	977	ORF1
10	T	1	8	8	992	999	ORF1
11	A	1	7	7	1071	1077	ORF1
12	A	1	9	9	1142	1150	ORF1
13	AC	2	3	6	1199	1204	ORF1
14	CTG	3	4	12	1472	1483	VP2
15	G	1	6	6	1796	1801	VP2
16	G	1	7	7	1866	1872	VP2
17	G	1	6	6	1914	1919	VP2
18	TGA	3	4	12	2136	2147	VP2
19	GCA	3	3	9	2422	2430	VP2
20	TG	2	3	6	2919	2924	VP2
21	CT	2	3	6	3959	3964	VP1
22	AAC	3	3	10	4015	4024	VP1
23	AGC	3	4	11	4133	4143	VP1
24	AG	2	3	6	4155	4160	VP1
25	C	1	7	7	4278	4284	VP1
26	AGC	3	3	9	4300	4308	VP1
27	A	1	6	6	4414	4419	NCS
28	AT	2	7	13	4656	4668	NCS
29	A	1	6	6	4700	4705	NCS
30	T	1	7	7	4747	4753	NCS
31	A	1	8	8	4836	4843	LTA
32	TC	2	3	6	4890	4895	LTA
33	GTC	3	4	12	4918	4929	LTA
34	TG	2	3	6	5006	5011	LTA
35	G	1	7	7	5033	5039	LTA
36	ACC	3	3	10	5271	5280	LTA
37	GTC	3	4	12	5368	5379	LTA
38	G	1	6	6	5481	5486	LTA
39	GA	2	3	6	5777	5782	LTA
40	TC	2	3	6	5947	5952	LTA
41	GACA	4	3	11	6277	6287	LTA
42	AGC	3	3	9	6313	6321	LTA
43	AG	2	3	6	6715	6720	LTA
44	CT	2	3	6	6859	6864	LTA
45	CT	2	3	6	7272	7277	LTA

BM100

S.No	Consensus	Rep. Size	Iterations	Tract-size	Start	End	Protein
1	A	1	6	6	88	93	NCS
2	GC	2	3	6	222	227	NCS
3	AGT	3	3	9	351	359	NCS
4	CA	2	3	6	873	878	VP2
5	GA	2	3	6	894	899	VP2
6	GA	2	5	11	1214	1224	VP2
7	AT	2	3	6	1264	1269	VP2
8	AC	2	3	6	1658	1663	VP2
9	GT	2	3	6	2214	2219	VP1
10	A	1	8	8	2907	2914	NCS
11	A	1	14	14	3010	3023	NCS
12	A	1	7	7	3264	3270	NCS
13	A	1	9	9	3280	3288	NCS
14	TGACCT	6	3	18	3290	3307	NCS
15	T	1	6	6	3337	3342	NCS
16	T	1	6	6	3351	3356	NCS
17	A	1	6	6	3400	3405	NCS
18	A	1	6	6	3444	3449	NCS
19	CTC	3	3	9	3607	3615	LTA
20	CT	2	3	6	3623	3628	LTA
21	AT	2	3	6	3874	3879	LTA
22	CA	2	3	6	4345	4350	LTA
23	AG	2	3	6	4379	4384	LTA
24	CAG	3	3	11	4531	4541	LTA
25	AG	2	3	6	4680	4685	LTA

26 AC	2	3	6	5212	5217 LTA
27 GCA	3	3	10	5239	5248 LTA

S4: Raw data for distribution of cSSRs found in the Polyomaviridae genomes.

Genome Serial No.

BM2

BM2 dMax10 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x1-(AGA)4	1398	1416
2	(CT)3-x4-(TG)3	4562	4577

BM2 dMax20 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AT)3-x16-(AG)3	988	1015
2	(A)6-x1-(AGA)4	1398	1416
3	(CT)3-x4-(TG)3	4562	4577

BM2 dMax30 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AT)3-x16-(AG)3	988	1015
2	(A)6-x1-(AGA)4	1398	1416
3	(G)8-x24-(G)12	4194	4237
4	(CT)3-x4-(TG)3	4562	4577

BM2 dMax40 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AT)3-x16-(AG)3	988	1015
2	(A)6-x1-(AGA)4	1398	1416
3	(G)8-x24-(G)12	4194	4237
4	(CT)3-x4-(TG)3	4562	4577
5	(T)6-x39-(AC)3	4646	4696

BM2 dMax50 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AT)3-x16-(AG)3	988	1015
2	(A)6-x1-(AGA)4	1398	1416
3	(G)8-x24-(G)12	4194	4237
4	(CT)3-x4-(TG)3	4562	4577
5	(T)6-x39-(AC)3	4646	4696

BM3

BM3 dMax10 Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x3-(C)7	2299	2314
2	(T)6-x7-(C)6	4866	4884

BM3 dMax20

Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)6-x3-(C)7	2299	2314
2	(T)6-x19-(TTCATC)3	2472	2514
3	(T)7-x11-(A)6	4444	4467

	4	(T)6-x7-(C)6	4866	4884

BM3 dMax30

Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)6-x3-(C)7	2299	2314
2	(T)6-x19-(TTCATC)3	2472	2514
3	(T)7-x11-(A)6	4444	4467
4	(T)6-x7-(C)6-x26-(CT)3	4866	4916

BM3 dMax40

Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(G)6-x32-(G)6	1661	1704
2	(A)6-x3-(C)7	2299	2314
3	(T)6-x19-(TTCATC)3	2472	2514
4	(AG)3-x31-(T)6	3946	3988
5	(T)7-x11-(A)6	4444	4467
6	(AATTC)3-x38-(T)6-x7-(C)6-x26-(CT)3	4814	4916

BM3 dMax50

Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CCT)3-x48-(A)6	67	130
2	(G)6-x32-(G)6	1661	1704
3	(A)6-x3-(C)7	2299	2314
4	(T)6-x19-(TTCATC)3	2472	2514
5	(AG)3-x31-(T)6	3946	3988
6	(T)7-x11-(A)6	4444	4467
7	(AATTC)3-x38-(T)6-x7-(C)6-x26-(CT)3	4814	4916

BM4

BM4 dMax10 Total No. of Microsatellites found : 37

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)3-x-1-(T)6	1	11
2	(T)7-x1-(T)7	683	697
3	(CT)3-x6-(TC)3	3013	3030
4	(T)6-x3-(TAG)4	4332	4351

BM4 dMax20 Total No. of Microsatellites found : 37

T otal No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CT)3-x-1-(T)6	1	11
2	(CT)3-x10-(A)8	136	159
3	(T)7-x1-(T)7	683	697
4	(T)6-x19-(TC)3	1293	1323
5	(CT)3-x6-(TC)3	3013	3030
6	(T)6-x3-(TAG)4-x14-(CA)3	4332	4371

BM4 dMax30 Total No. of Microsatellites found : 37

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CT)3-x-1-(T)6	1	11
2	(CT)3-x10-(A)8	136	159
3	(T)7-x20-(A)7	405	438
4	(T)7-x1-(T)7	683	697
5	(T)6-x19-(TC)3	1293	1323
6	(CT)3-x6-(TC)3	3013	3030
7	(T)6-x3-(TAG)4-x14-(CA)3	4332	4371

BM4 dMax40 Total No. of Microsatellites found : 37

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CT)3-x-1-(T)6	1	11
2	(CT)3-x10-(A)8	136	159
3	(T)7-x20-(A)7	405	438
4	(T)7-x1-(T)7	683	697
5	(T)6-x19-(TC)3	1293	1323
6	(CT)3-x6-(TC)3	3013	3030
7	(T)6-x3-(TAG)4-x14-(CA)3	4332	4371

BM4 dMax50 Total No. of Microsatellites found : 37

T otal No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(CT)3-x-1-(T)6	1	11
2	(GC)3-x46-(CT)3-x10-(A)8	84	159
3	(T)7-x20-(A)7	405	438
4	(T)7-x1-(T)7	683	697
5	(T)6-x19-(TC)3	1293	1323
6	(AAT)4-x44-(AG)3	2419	2479
7	(CT)3-x6-(TC)3	3013	3030
8	(T)6-x3-(TAG)4-x14-(CA)3	4332	4371
9	(TC)3-x40-(A)10	4550	4605

BM5

BM5 dMax10 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(AT)3-x3-(T)7	3471	3486

BM5 dMax20 Total No. of Microsatellites found : 24

T otal No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)5-x13-(AG)3	163	191
2	(T)7-x10-(T)7	3186	3209
3	(AT)3-x3-(T)7	3471	3486

BM5 dMax30 Total No. of Microsatellites found : 24

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)5-x13-(AG)3-x29-(A)8	163	228
2	(CG)4-x23-(T)6	478	514
3	(GA)3-x28-(AG)3	1026	1065
4	(T)7-x10-(T)7	3186	3209
5	(AT)3-x3-(T)7	3471	3486

BM5 dMax40 Total No. of Microsatellites found : 24

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)5-x13-(AG)3-x29-(A)8	163	228
2	(CG)4-x23-(T)6-x35-(T)6	478	555
3	(GA)3-x28-(AG)3	1026	1065
4	(T)7-x10-(T)7	3186	3209
5	(AT)3-x3-(T)7	3471	3486

BM5 dMax50 Total No. of Microsatellites found : 24

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)5-x13-(AG)3-x29-(A)8	163	228
2	(CG)4-x23-(T)6-x35-(T)6	478	555
3	(GA)3-x28-(AG)3	1026	1065
4	(T)7-x10-(T)7	3186	3209
5	(AT)3-x3-(T)7	3471	3486

BM6

BM6 dMax10 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CT)4-x4-(A)12	141	164
2	(T)9-x4-(G)6	414	432

BM6 dMax20 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CT)4-x4-(A)12	141	164
2	(T)9-x4-(G)6	414	432

BM6 dMax30 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)4-x4-(A)12	141	164
2	(T)9-x4-(G)6	414	432
3	(ACT)4-x21-(CT)3	479	517
4	(CCCCAG)4-x25-(CTC)4	2328	2389
5	(A)6-x21-(TA)4	3959	3993

BM6 dMax40 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AG)3-x39-(CCT)3-x37-(CT)4-x4-(A)12	49	164
2	(T)7-x38-(T)8-x38-(T)7-x38-(T)9-x4-(G)6	278	432
3	(ACT)4-x21-(CT)3	479	517
4	(CCCCAG)4-x25-(CTC)4	2328	2389
5	(A)6-x21-(TA)4	3959	3993

BM6 dMax50 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AG)3-x39-(CCT)3-x37-(CT)4-x4-(A)12	49	164
2	(T)7-x38-(T)8-x38-(T)7-x38-(T)9-x4-(G)6-x46-(ACT)4-x21-(CT)3	278	517
3	(CCCCAG)4-x25-(CTC)4	2328	2389
4	(A)6-x21-(TA)4	3959	3993

	5	(TGC)4-x48-(TCT)4	4654	4725

BM7

BM7 dMax10 Total No. of Microsatellites found : 35

T otal No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)7-x9-(AGG)3	297	322
2	(A)6-x5-(ATTTCC)3-x0-(TCT)4-x3-(TCT)5	2564	2623
3	(ATC)3-x3-(G)9	4339	4359

BM7 dMax20 Total No. of Microsatellites found : 35

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)6-x11-(TA)3-x10-(GC)3	20	58
2	(T)7-x9-(AGG)3-x18-(T)6	297	346
3	(A)6-x17-(A)6-x5-(ATTTCC)3-x0-(TCT)4-x3-(TCT)5	2541	2623
4	(ATC)3-x3-(G)9-x18-(AT)3	4339	4383

BM7 dMax30 Total No. of Microsatellites found : 35

T otal No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)6-x11-(TA)3-x10-(GC)3-x23-(CCT)3	20	91
2	(T)7-x9-(AGG)3-x18-(T)6	297	346
3	(CTC)5-x21-(CTC)4	2424	2472
4	(A)6-x17-(A)6-x5-(ATTTCC)3-x0-(TCT)4-x3-(TCT)5	2541	2623
5	(AGG)4-x20-(G)6	4138	4174
6	(ATC)3-x3-(G)9-x18-(AT)3	4339	4383

BM7 dMax40 Total No. of Microsatellites found : 35

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(A)6-x11-(TA)3-x10-(GC)3-x23-(CCT)3	20	91
2	(T)7-x9-(AGG)3-x18-(T)6	297	346
3	(A)6-x36-(A)7	1061	1109
4	(CTC)5-x21-(CTC)4	2424	2472
5	(A)6-x17-(A)6-x5-(ATTTCC)3-x0-(TCT)4-x3-(TCT)5	2541	2623
6	(AGG)4-x20-(G)6	4138	4174
7	(ATC)3-x3-(G)9-x18-(AT)3	4339	4383

BM7 dMax50 Total No. of Microsatellites found : 35

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(A)6-x11-(TA)3-x10-(GC)3-x23-(CCT)3-x49-(A)9	20	149
2	(T)8-x46-(T)7-x9-(AGG)3-x18-(T)6	243	346
3	(A)6-x36-(A)7	1061	1109
4	(CTC)5-x21-(CTC)4	2424	2472
5	(A)6-x17-(A)6-x5-(ATTTCC)3-x0-(TCT)4-x3-(TCT)5	2541	2623
6	(GT)3-x41-(AGG)4-x20-(G)6	4091	4174
7	(ATC)3-x3-(G)9-x18-(AT)3	4339	4383

BM8

BM8 dMax10 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(CTT)5-x8-(TC)3	4192	4219
3	(TC)3-x1-(AGG)7	4369	4396

BM8 dMax20 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(T)6-x16-(A)8	3506	3535
3	(CTT)5-x8-(TC)3	4192	4219
4	(TC)3-x1-(AGG)7	4369	4396

BM8 dMax30 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(TAATTT)3-x20-(CT)3	372	416
3	(T)6-x16-(A)8	3506	3535
4	(CTT)5-x8-(TC)3	4192	4219
5	(TC)3-x1-(AGG)7	4369	4396

BM8 dMax40 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(TAATTT)3-x20-(CT)3	372	416
3	(T)6-x16-(A)8	3506	3535
4	(CTT)5-x8-(TC)3	4192	4219
5	(TC)3-x1-(AGG)7	4369	4396

BM8 dMax50 Total No. of Microsatellites found : 30

T otal No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3-x49-(A)9	54	129
2	(TAATTT)3-x20-(CT)3	372	416
3	(GCA)4-x46-(AAAT)3	2221	2290
4	(T)6-x16-(A)8-x49-(AC)5	3506	3594
5	(CTT)5-x8-(TC)3	4192	4219
6	(TC)3-x1-(AGG)7	4369	4396

BM9

BM9 dMax10 Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)4	114	142
2	(T)7-x1-(GGTT)3	3257	3276
3	(AT)3-x1-(A)6	4026	4038
4	(T)6-x3-(T)9	4640	4657

BM9 dMax20 Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)4	114	142
2	(T)7-x1-(GGTT)3	3257	3276
3	(AT)3-x1-(A)6	4026	4038
4	(ATAC)3-x15-(CTT)4-x16-(G)6	4083	4142
5	(TCT)4-x11-(AGG)5	4213	4250
6	(T)6-x3-(T)9	4640	4657

BM9 dMax30 Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)4	114	142
2	(T)6-x27-(G)6	460	498
3	(T)7-x1-(GGTT)3	3257	3276
4	(AT)3-x1-(A)6	4026	4038
5	(ATAC)3-x15-(CTT)4-x16-(G)6	4083	4142
6	(TCT)4-x11-(AGG)5	4213	4250
7	(T)6-x3-(T)9	4640	4657

BM9 dMax40 Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)4-x32-(A)6	114	180
2	(T)6-x27-(G)6	460	498
3	(AGA)4-x35-(A)7	1428	1482
4	(T)7-x1-(GGTT)3	3257	3276
5	(AT)3-x1-(A)6	4026	4038
6	(ATAC)3-x15-(CTT)4-x16-(G)6	4083	4142
7	(TCT)4-x11-(AGG)5	4213	4250
8	(T)6-x3-(T)9	4640	4657

BM9 dMax50 Total No. of Microsatellites found : 31

T otal No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)4-x32-(A)6	114	180
2	(T)6-x27-(G)6	460	498
3	(AGA)4-x35-(A)7	1428	1482
4	(T)7-x1-(GGTT)3	3257	3276
5	(T)7-x48-(CAA)3	3586	3650
6	(AT)3-x1-(A)6-x44-(ATAC)3-x15-(CTT)4-x16-(G)6	4026	4142
7	(TCT)4-x11-(AGG)5	4213	4250
8	(T)6-x3-(T)9	4640	4657

BM10

BM10 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x6-(AGA)4	135	163
2	(AC)3-x2-(T)6	3595	3608

BM10 dMax20 Total No. of Microsatellites found : 26

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x6-(AGA)4-x17-(CT)3-x10-(A)7	135	203
2	(AGG)4-x19-(C)6	1220	1256
3	(AC)3-x2-(T)6	3595	3608
4	(T)7-x12-(TA)3	4672	4696

BM10 dMax30 Total No. of Microsatellites found : 26

T otal No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x6-(AGA)4-x17-(CT)3-x10-(A)7-x23-(GT)3	135	232
2	(AGG)4-x19-(C)6	1220	1256
3	(AC)3-x2-(T)6	3595	3608
4	(T)7-x12-(TA)3	4672	4696

BM10 dMax40 Total No. of Microsatellites found : 26

T otal No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCT)3-x6-(AGA)4-x17-(CT)3-x10-(A)7-x23-(GT)3	135	232

	2	(T)6-x30-(TCT)4	491	537
	3	(AGG)4-x19-(C)6	1220	1256
	4	(AC)3-x2-(T)6	3595	3608
	5	(T)7-x12-(TA)3	4672	4696

BM10 dMax50 Total No. of Microsatellites found : 26

T otal No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CCT)3-x6-(AGA)4-x17-(CT)3-x10-(A)7-x23-(GT)3	135	232
2	(CA)3-x40-(A)6	386	437
3	(T)6-x30-(TCT)4	491	537
4	(AGG)4-x19-(C)6	1220	1256
5	(AT)3-x47-(T)6	3452	3510
6	(AC)3-x2-(T)6	3595	3608
7	(T)7-x12-(TA)3	4672	4696

BM11

BM11 dMax10 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(T)7-x9-(AGG)3	366	391

BM11 dMax20 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)7-x11-(GGC)3-x18-(T)7-x9-(AGG)3	321	391
2	(G)6-x10-(T)6	435	456
3	(TC)3-x14-(TCT)3	3179	3207

BM11 dMax30 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)7-x11-(GGC)3-x18-(T)7-x9-(AGG)3	321	391
2	(G)6-x10-(T)6	435	456
3	(TTC)3-x20-(C)6	2390	2424
4	(ATA)3-x22-(TCT)4	2572	2614
5	(TC)3-x14-(TCT)3	3179	3207

BM11 dMax40 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x38-(T)7	221	272
2	(T)7-x11-(GGC)3-x18-(T)7-x9-(AGG)3	321	391
3	(G)6-x10-(T)6	435	456
4	(A)7-x32-(TTC)3-x20-(C)6	2351	2424
5	(ATA)3-x22-(TCT)4	2572	2614
6	(TC)3-x14-(TCT)3	3179	3207

BM11 dMax50 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x38-(T)7-x48-(T)7-x11-(GGC)3-x18-(T)7-x9-(AGG)3-x43-(G)6	221	456
2	(AT)3-x41-(AT)3	2186	2238
3	(A)7-x32-(TTC)3-x20-(C)6	2351	2424
4	(ATA)3-x22-(TCT)4	2572	2614
5	(T)6-x49-(TC)3	2753	2813
6	(TC)3-x14-(TCT)3	3179	3207

BM12

BM12 dMax10 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(A)7-x8-(TA)3	4984	5004

BM12 dMax20 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CCCT)3-x17-(G)6	1209	1242
2	(TCC)3-x11-(A)8	4826	4853
3	(A)7-x8-(TA)3	4984	5004

BM12 dMax30 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(C)6-x24-(C)6	1063	1098
2	(CCCT)3-x17-(G)6	1209	1242
3	(TCC)3-x11-(A)8	4826	4853
4	(A)7-x8-(TA)3	4984	5004

BM12 dMax40 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(C)6-x24-(C)6	1063	1098
2	(CCCT)3-x17-(G)6	1209	1242
3	(C)6-x38-(TCC)3-x11-(A)8-x33-(A)9	4782	4895
4	(A)7-x8-(TA)3	4984	5004

BM12 dMax50 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(C)6-x24-(C)6	1063	1098
2	(CCCT)3-x17-(G)6	1209	1242
3	(AG)3-x49-(GT)3	3692	3752
4	(C)6-x38-(TCC)3-x11-(A)8-x33-(A)9-x41-(A)7-x40-(A)7-x8-(TA)3	4782	5004

BM13

BM13 dMax10 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)11-x4-(A)13	343	370
2	(T)7-x9-(T)6	2864	2885

BM13 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AAC)3-x14-(T)11-x4-(A)13	320	370
2	(A)7-x14-(T)6	1371	1397
3	(T)7-x9-(T)6	2864	2885
4	(T)7-x10-(TCA)3	3158	3184
5	(G)8-x15-(TCC)4	4171	4205

BM13 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

	No.	Compound SSR	Start	End
	1	(AAC)3-x14-(T)11-x4-(A)13	320	370
	2	(A)7-x14-(T)6	1371	1397
	3	(T)7-x9-(T)6	2864	2885
	4	(T)7-x10-(TCA)3	3158	3184
	5	(G)8-x15-(TCC)4	4171	4205

BM13 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AAC)3-x14-(T)11-x4-(A)13	320	370
2	(A)7-x14-(T)6	1371	1397
3	(T)7-x9-(T)6	2864	2885
4	(T)7-x10-(TCA)3	3158	3184
5	(G)7-x35-(G)8-x15-(TCC)4	4129	4205

BM13 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x42-(A)10	67	125
2	(AAC)3-x14-(T)11-x4-(A)13	320	370
3	(A)7-x14-(T)6	1371	1397
4	(G)6-x47-(T)7-x9-(T)6	2811	2885
5	(T)7-x10-(TCA)3	3158	3184
6	(G)7-x35-(G)8-x15-(TCC)4	4129	4205

BM14

BM14 dMax10 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 0

BM14 dMax20 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(GCCT)3-x11-(A)12	105	138
2	(CT)3-x12-(TAA)3	3406	3432
3	(TCT)4-x10-(CT)4	4162	4190
4	(A)7-x15-(A)6	4510	4537

BM14 dMax30 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GCCT)3-x11-(A)12	105	138
2	(G)6-x28-(T)7	2923	2963
3	(AT)3-x22-(AGTT)3	3225	3263
4	(CT)3-x12-(TAA)3	3406	3432
5	(TCT)4-x10-(CT)4	4162	4190
6	(A)7-x15-(A)6	4510	4537

BM14 dMax40 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TC)4-x30-(GCCT)3-x11-(A)12	67	138
2	(G)6-x28-(T)7-x32-(TC)3	2923	3001
3	(AT)3-x22-(AGTT)3	3225	3263
4	(CT)3-x12-(TAA)3	3406	3432
5	(TCT)4-x10-(CT)4	4162	4190
6	(A)7-x15-(A)6	4510	4537

BM14 dMax50 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

RESULTS: 1 - 6

No.	Compound SSR	Start	End
1	(TC)4-x30-(GCCT)3-x11-(A)12	67	138
2	(G)6-x28-(T)7-x32-(TC)3	2923	3001
3	(AT)3-x22-(AGTT)3	3225	3263
4	(CT)3-x12-(TAA)3	3406	3432
5	(TCT)4-x10-(CT)4	4162	4190
6	(A)7-x15-(A)6	4510	4537

BM15

BM15 dMax10 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CT)4-x-1-(T)8	154	168
2	(T)8-x9-(AGG)3	401	427

BM15 dMax20 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CT)4-x-1-(T)8	154	168
2	(T)8-x9-(AGG)3	401	427

BM15 dMax30 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x29-(CT)4-x-1-(T)8	119	168
2	(T)7-x21-(T)8-x9-(AGG)3	373	427

BM15 dMax40 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x29-(CT)4-x-1-(T)8	119	168
2	(T)7-x35-(T)7-x21-(T)8-x9-(AGG)3-x39-(G)6	331	472

BM15 dMax50 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)6-x29-(CT)4-x-1-(T)8-x44-(A)10	119	222
2	(T)7-x35-(T)7-x21-(T)8-x9-(AGG)3-x39-(G)6	331	472
3	(GCA)3-x42-(AT)3	1073	1129
4	(C)6-x47-(AGG)3	4108	4169

BM16

BM16 dMax10 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(T)7-x6-(G)7	4082	4101

BM16 dMax20 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(T)7-x6-(G)7	4082	4101

BM16 dMax30 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)3-x28-(ATG)3	1691	1734

2	(AT)3-x27-(C)7		2378	2417
3	(T)7-x6-(G)7		4082	410

BM16 dMax40 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)3-x28-(ATG)3	1691	1734
2	(AT)3-x27-(C)7	2378	2417
3	(T)7-x6-(G)7	4082	4101
4	(T)6-x39-(T)7	4881	4932

BM16 dMax50 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)3-x28-(ATG)3	1691	1734
2	(AT)3-x27-(C)7	2378	2417
3	(T)7-x6-(G)7	4082	4101
4	(T)6-x39-(T)7	4881	4932

BM17

BM17 dMax10 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(GAA)4-x5-(C)6	1303	1325
2	(G)6-x3-(AT)3	1717	1731

BM17 dMax20 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 4

RESULTS: 1 - 4

No.	Compound SSR	Start	End
1	(GAA)4-x5-(C)6	1430	1452
2	(G)6-x3-(AT)3	1844	1858
3	(T)6-x12-(T)6	2841	2864
4	(C)6-x13-(T)6	4357	4381

BM17 dMax30 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 5

RESULTS: 1 - 5

No.	Compound SSR	Start	End
1	(GAA)4-x5-(C)6	1430	1452
2	(G)6-x3-(AT)3	1844	1858
3	(T)6-x12-(T)6	2841	2864
4	(T)6-x28-(T)6	3281	3320
5	(C)6-x13-(T)6	4357	4381

BM17 dMax40 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 5

RESULTS: 1 - 5

No.	Compound SSR	Start	End
1	(GAA)4-x5-(C)6-x34-(A)8	1430	1494
2	(G)6-x3-(AT)3	1844	1858
3	(T)6-x12-(T)6	2841	2864
4	(T)6-x28-(T)6	3281	3320
5	(C)6-x13-(T)6	4357	4381

BM17 dMax50 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 5

RESULTS: 1 - 5

No.	Compound SSR	Start	End
1	(GAA)4-x5-(C)6-x34-(A)8	1430	1494
2	(G)6-x3-(AT)3	1844	1858
3	(T)6-x12-(T)6	2841	2864
4	(T)6-x28-(T)6	3281	3320
5	(C)6-x13-(T)6	4357	4381

BM18

BM18 dMax10 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)3	115	143
2	(TATTGT)3-x2-(A)6	2575	2601
3	(TCT)4-x7-(GTG)5	4273	4306

BM18 dMax20 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)3	115	143
2	(TATTGT)3-x2-(A)6	2575	2601
3	(CTCTGG)4-x16-(G)6	4204	4249
4	(TCT)4-x7-(GTG)5	4273	4306

BM18 dMax30 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)3	115	143
2	(TTA)3-x20-(G)6	931	966
3	(TATTGT)3-x2-(A)6	2575	2601
4	(A)6-x29-(T)8	4093	4135
5	(CTCTGG)4-x16-(G)6-x23-(TCT)4-x7-(GTG)5	4204	4306
6	(T)8-x25-(T)6	4672	4710

BM18 dMax40 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)3-x30-(A)6	115	179
2	(T)6-x31-(G)6	481	523
3	(TTA)3-x20-(G)6	931	966
4	(TATTGT)3-x2-(A)6	2575	2601
5	(A)6-x29-(T)8	4093	4135
6	(CTCTGG)4-x16-(G)6-x23-(TCT)4-x7-(GTG)5	4204	4306
7	(T)8-x25-(T)6	4672	4710

BM18 dMax50 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(CT)4-x9-(GAG)3-x30-(A)6	115	179
2	(T)6-x31-(G)6	481	523
3	(TTA)3-x20-(G)6	931	966
4	(AGA)4-x40-(A)6	1438	1496
5	(TATTGT)3-x2-(A)6	2575	2601
6	(A)6-x29-(T)8	4093	4135
7	(CTCTGG)4-x16-(G)6-x23-(TCT)4-x7-(GTG)5-x42-(A)6	4204	4354
8	(T)8-x25-(T)6	4672	4710

BM19

BM19 dMax10 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(AG)3-x1-(CCA)3-x-1-(AGG)4	1183	1210

BM19 dMax20 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(AG)3-x1-(CCA)3-x-1-(AGG)4	1183	1210
2	(AT)3-x12-(CT)3	4419	4442

BM19 dMax30 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CA)3-x28-(GCAA)3	145	189
2	(AG)3-x1-(CCA)3-x-1-(AGG)4	1183	1210
3	(AT)3-x12-(CT)3	4419	4442

BM19 dMax40 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(AG)3-x36-(GAG)4	35	88
2	(CA)3-x28-(GCAA)3	145	189
3	(G)6-x34-(T)6	782	827
4	(ATC)3-x31-(C)9	1007	1055
5	(AG)3-x1-(CCA)3-x-1-(AGG)4	1183	1210
6	(AT)3-x12-(CT)3	4419	4442

BM19 dMax50 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(AG)3-x36-(GAG)4	35	88
2	(CA)3-x28-(GCAA)3	145	189
3	(G)6-x34-(T)6	782	827
4	(ATC)3-x31-(C)9	1007	1055
5	(AG)3-x1-(CCA)3-x-1-(AGG)4	1183	1210
6	(AT)3-x12-(CT)3	4419	4442

BM20

BM20 dMax10 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)3-x2-(TAA)3	3239	3255
2	(TG)3-x1-(TCT)4	4144	4162
3	(A)7-x3-(ACTA)3	4299	4320

BM20 dMax20 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)3-x2-(TAA)3	3239	3255
2	(TG)3-x1-(TCT)4	4144	4162
3	(A)7-x3-(ACTA)3	4299	4320

BM20 dMax30 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CT)3-x2-(TAA)3	3239	3255
2	(TG)3-x1-(TCT)4	4144	4162
3	(A)7-x3-(ACTA)3	4299	4320
4	(T)6-x28-(T)6	4749	4788

BM20 dMax40 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(AAG)3-x36-(AT)3	411	461
2	(AC)3-x31-(CA)3	1557	1599
3	(CT)3-x2-(TAA)3	3239	3255
4	(TG)3-x1-(TCT)4	4144	4162
5	(A)7-x3-(ACTA)3	4299	4320
6	(T)6-x28-(T)6	4749	4788

BM20 dMax50 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)7-x44-(A)7	71	128
2	(AAG)3-x36-(AT)3	411	461
3	(AC)3-x31-(CA)3-x48-(G)6	1557	1653
4	(CT)3-x2-(TAA)3	3239	3255
5	(TG)3-x1-(TCT)4	4144	4162
6	(A)7-x3-(ACTA)3	4299	4320
7	(T)6-x28-(T)6	4749	4788

BM21

BM21 dMax10 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 0

BM21 dMax20 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 0

BM21 dMax30 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 0

BM21 dMax40 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(A)7-x34-(TG)4	2535	2583

BM21 dMax50 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(GAA)4-x40-(C)7-x45-(GGA)7	1056	1180
2	(A)7-x34-(TG)4	2535	2583

BM22

BM22 dMax10 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)12-x6-(G)6	420	443
2	(T)6-x1-(CCAC)3	4660	4678

BM22 dMax20 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)7-x12-(CT)3	84	108
2	(T)12-x6-(G)6	420	443
3	(CT)3-x17-(CTC)3	4134	4165
4	(T)6-x1-(CCAC)3	4660	4678

BM22 dMax30 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)7-x12-(CT)3	84	108
2	(T)12-x6-(G)6	420	443
3	(G)6-x27-(T)6	2834	2872
4	(CT)3-x17-(CTC)3	4134	4165
5	(T)6-x1-(CCAC)3	4660	4678

BM22 dMax40 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)7-x12-(CT)3	84	108
2	(T)7-x37-(T)6-x39-(T)8-x35-(T)7-x38-(T)12-x6-(G)6	243	443
3	(G)6-x27-(T)6	2834	2872
4	(CT)3-x17-(CTC)3	4134	4165
5	(T)6-x1-(CCAC)3	4660	4678

BM22 dMax50 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)7-x12-(CT)3	84	108
2	(T)7-x37-(T)6-x39-(T)8-x35-(T)7-x38-(T)12-x6-(G)6	243	443
3	(G)6-x27-(T)6	2834	2872
4	(CT)3-x17-(CTC)3	4134	4165
5	(T)6-x1-(CCAC)3	4660	4678

BM23

BM23 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	68	83
2	(CCT)3-x5-(A)8	113	134

BM23 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	68	83
2	(CCT)3-x5-(A)8	113	134
3	(CT)3-x16-(T)6	2580	2607
4	(GT)6-x12-(ACG)4	4010	4044

BM23 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7-x29-(CCT)3-x5-(A)8	68	134
2	(AT)3-x28-(C)8	2262	2303
3	(AAG)3-x28-(CT)3-x16-(T)6	2543	2607
4	(T)6-x27-(CT)4-x23-(GT)6-x12-(ACG)4	3946	4044

BM23 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7-x29-(CCT)3-x5-(A)8	68	134
2	(AT)3-x28-(C)8-x39-(TAAA)3	2262	2353
3	(AAG)3-x28-(CT)3-x16-(T)6	2543	2607
4	(T)6-x27-(CT)4-x23-(GT)6-x12-(ACG)4	3946	4044

BM23 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7-x29-(CCT)3-x5-(A)8	68	134
2	(AT)3-x28-(C)8-x39-(TAAA)3	2262	2353
3	(T)6-x43-(AAG)3-x28-(CT)3-x16-(T)6	2494	2607
4	(T)6-x27-(CT)4-x23-(GT)6-x12-(ACG)4	3946	4044

BM24

BM24 dMax10 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 0

BM24 dMax20 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(GCCT)3-x13-(A)8	106	137
2	(T)6-x13-(CA)3	3537	3561

BM24 dMax30 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CCT)3-x27-(GCCT)3-x13-(A)8	69	137
2	(TG)3-x21-(TG)3	1060	1092
3	(T)6-x13-(CA)3	3537	3561

BM24 dMax40 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(GC)3-x37-(CCT)3-x27-(GCCT)3-x13-(A)8	26	137
2	(TG)3-x21-(TG)3	1060	1092
3	(TC)3-x38-(T)6	2984	3033
4	(T)6-x13-(CA)3	3537	3561

BM24 dMax50 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GC)3-x37-(CCT)3-x27-(GCCT)3-x13-(A)8	26	137
2	(TG)3-x21-(TG)3	1060	1092
3	(GAA)4-x44-(AGAT)3	2098	2166
4	(TC)3-x38-(T)6	2984	3033
5	(T)6-x13-(CA)3	3537	3561

BM25

BM25 dMax10 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(C)6-x6-(A)9	4805	4825

BM25 dMax20 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End

	1	(CCT)4-x17-(C)6	1058	1093
	2	(C)6-x6-(A)9	4805	4825
	3	(CTC)4-x10-(A)7	4848	4875
	4	(A)8-x13-(TC)3	4900	4926
	5	(A)7-x14-(CTC)5	4993	5027

BM25 dMax30 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCT)4-x17-(C)6	1058	1093
2	(C)7-x25-(G)6	1203	1240
3	(TGTA)3-x24-(TA)3	1579	1619
4	(C)6-x6-(A)9-x22-(CTC)4-x10-(A)7-x24-(A)8-x13-(TC)3-x23-(A)7	4805	4956
5	(A)7-x14-(CTC)5	4993	5027

BM25 dMax40 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCT)4-x17-(C)6	1058	1093
2	(C)7-x25-(G)6	1203	1240
3	(TA)6-x34-(AG)3	1402	1452
4	(TGTA)3-x24-(TA)3	1579	1619
5	(C)6-x6-(A)9-x22-(CTC)4-x10-(A)7-x24-(A)8-x13-(TC)3-x23-(A)7-x	4805	5027

BM25 dMax50 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCT)4-x17-(C)6	1058	1093
2	(C)7-x25-(G)6	1203	1240
3	(TA)6-x34-(AG)3	1402	1452
4	(TGTA)3-x24-(TA)3	1579	1619
5	(C)6-x6-(A)9-x22-(CTC)4-x10-(A)7-x24-(A)8-x13-(TC)3-x23-(A)7-x	4805	5027

BM26

BM26 dMax10 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x5-(GA)3	1308	1324
2	(A)8-x0-(GA)3	5172	5185

BM26 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x5-(GA)3	1308	1324
2	(A)8-x0-(GA)3	5172	5185

BM26 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCCT)3-x20-(G)6	1212	1248
2	(A)6-x5-(GA)3	1308	1324
3	(GA)3-x25-(AGA)4-x20-(TAT)4	2559	2632
4	(A)8-x24-(A)7	4905	4943
5	(A)8-x0-(GA)3	5172	5185

BM26 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CCCT)3-x20-(G)6	1212	1248
2	(A)6-x5-(GA)3	1308	1324
3	(GA)3-x25-(AGA)4-x20-(TAT)4	2559	2632
4	(T)6-x37-(G)6	2960	3008
5	(A)8-x24-(A)7	4905	4943
6	(A)8-x0-(GA)3	5172	5185

BM26 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CCCT)3-x20-(G)6	1212	1248
2	(A)6-x5-(GA)3	1308	1324
3	(GA)3-x25-(AGA)4-x20-(TAT)4	2559	2632
4	(T)6-x37-(G)6	2960	3008
5	(A)8-x24-(A)7-x40-(A)7	4905	4990
6	(T)6-x46-(A)8-x0-(GA)3	5120	5185

BM27

BM27 dMax10 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)6	4136	4149
2	(A)6-x6-(GAG)4-x1-(G)6	4438	4468

BM27 dMax20 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCT)4-x11-(A)7	122	152
2	(T)6-x12-(T)6	392	415
3	(AGA)5-x15-(GAG)3	1486	1524
4	(TA)3-x2-(A)6-x16-(TA)6	4136	4176
5	(A)6-x6-(GAG)4-x1-(G)6	4438	4468

BM27 dMax30 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CCT)3-x29-(CCT)4-x11-(A)7	83	152
2	(T)6-x12-(T)6	392	415
3	(TA)3-x20-(AG)3	1197	1228
4	(AGA)5-x15-(GAG)3	1486	1524
5	(TA)3-x2-(A)6-x16-(TA)6	4136	4176
6	(GAA)4-x27-(A)6-x6-(GAG)4-x1-(G)6	4399	4468

BM27 dMax40 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CCT)3-x29-(CCT)4-x11-(A)7	83	152
2	(T)6-x12-(T)6	392	415
3	(TA)3-x20-(AG)3	1197	1228
4	(AGA)5-x15-(GAG)3	1486	1524
5	(T)6-x30-(TA)3-x2-(A)6-x16-(TA)6	4100	4176
6	(GAA)4-x27-(A)6-x6-(GAG)4-x1-(G)6	4399	4468

BM27 dMax50 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CCT)3-x29-(CCT)4-x11-(A)7	83	152
2	(T)6-x12-(T)6	392	415
3	(TA)3-x20-(AG)3	1197	1228
4	(AGA)5-x15-(GAG)3	1486	1524
5	(T)6-x30-(TA)3-x2-(A)6-x16-(TA)6	4100	4176
6	(GAA)4-x27-(A)6-x6-(GAG)4-x1-(G)6	4399	4468

BM28

BM28 dMax10 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)7-x5-(T)6	574	591
2	(T)6-x6-(T)6	3727	3744
3	(A)11-x7-(T)6-x3-(A)6	4691	4723

BM28 dMax20 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)7-x5-(T)6	574	591
2	(AGA)5-x15-(GAG)4	1504	1544
3	(T)6-x6-(T)6	3727	3744
4	(A)6-x19-(G)6	4454	4484
5	(A)11-x7-(T)6-x3-(A)6	4691	4723

BM28 dMax30 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x5-(T)6	574	591
2	(AGA)5-x15-(GAG)4	1504	1544
3	(T)7-x22-(T)6	2350	2384
4	(T)6-x6-(T)6	3727	3744
5	(GAA)4-x27-(A)6-x19-(G)6	4415	4484
6	(A)11-x7-(T)6-x3-(A)6	4691	4723

BM28 dMax40 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)7-x5-(T)6	574	591
2	(AGA)5-x15-(GAG)4-x38-(A)7	1504	1589
3	(T)7-x22-(T)6	2350	2384
4	(T)8-x32-(TC)3	3127	3172
5	(T)6-x6-(T)6	3727	3744
6	(GAA)4-x27-(A)6-x19-(G)6	4415	4484
7	(A)11-x7-(T)6-x3-(A)6	4691	4723

BM28 dMax50 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)7-x5-(T)6	574	591
2	(AGA)5-x15-(GAG)4-x38-(A)7	1504	1589
3	(T)7-x22-(T)6	2350	2384
4	(T)8-x32-(TC)3	3127	3172
5	(T)6-x6-(T)6	3727	3744
6	(GAA)4-x27-(A)6-x19-(G)6	4415	4484

	7	(A)11-x7-(T)6-x3-(A)6	4691	4723

BM29

BM29 dMax10 Total No. of Microsatellites found : 36
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CTT)3-x0-(TTA)3	898	917

BM29 dMax20 Total No. of Microsatellites found : 36
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CTT)3-x0-(TTA)3	898	917

BM29 dMax30 Total No. of Microsatellites found : 36
Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GC)3-x25-(G)6	464	500
2	(CTT)3-x0-(TTA)3	898	917
3	(A)6-x20-(TCC)4	3910	3946
4	(A)6-x28-(GT)3-x22-(G)6-x28-(TCAGGC)3	4082	4195
5	(C)6-x23-(T)8	4559	4595

BM29 dMax40 Total No. of Microsatellites found : 36
Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GA)6-x35-(A)7	127	179
2	(GC)3-x25-(G)6	464	500
3	(CCT)3-x33-(CTT)3-x0-(TTA)3	855	917
4	(A)6-x20-(TCC)4	3910	3946
5	(A)6-x28-(GT)3-x22-(G)6-x28-(TCAGGC)3	4082	4195
6	(C)6-x23-(T)8	4559	4595

BM29 dMax50 Total No. of Microsatellites found : 36
Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(GA)6-x35-(A)7	127	179
2	(GC)3-x25-(G)6	464	500
3	(CCT)3-x33-(CTT)3-x0-(TTA)3	855	917
4	(AGA)4-x43-(A)8	1424	1487
5	(C)6-x44-(TG)3	2527	2582
6	(A)6-x20-(TCC)4	3910	3946
7	(A)6-x28-(GT)3-x22-(G)6-x28-(TCAGGC)3	4082	4195
8	(C)6-x23-(T)8-x48-(CT)3	4559	4649

BM30

BM30 dMax10 Total No. of Microsatellites found : 32
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TA)3-x6-(A)6	180	197
2	(AGA)4-x3-(C)7	1422	1442

BM30 dMax20 Total No. of Microsatellites found : 32
Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x6-(A)6	180	197
2	(AT)3-x13-(AAGAC)3	982	1014

	3	(AGA)4-x3-(C)7	1422	1442
	4	(T)18-x15-(T)7	4554	4593

BM30 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TA)3-x6-(A)6	180	197
2	(AT)3-x13-(AAGAC)3	982	1014
3	(AGA)4-x3-(C)7	1422	1442
4	(T)8-x28-(T)7	3259	3301
5	(TA)4-x25-(TA)3	4027	4065
6	(T)18-x15-(T)7	4554	4593

BM30 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CT)6-x38-(TA)3-x6-(A)6	131	197
2	(AT)3-x13-(AAGAC)3	982	1014
3	(AGA)4-x3-(C)7-x33-(A)6	1422	1481
4	(AG)3-x39-(A)7	3143	3194
5	(T)8-x28-(T)7	3259	3301
6	(TA)4-x25-(TA)3	4027	4065
7	(T)18-x15-(T)7	4554	4593

BM30 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(CT)6-x38-(TA)3-x6-(A)6	131	197
2	(AT)3-x13-(AAGAC)3	982	1014
3	(AGA)4-x3-(C)7-x33-(A)6	1422	1481
4	(AG)3-x39-(A)7	3143	3194
5	(T)8-x28-(T)7	3259	3301
6	(TA)4-x25-(TA)3	4027	4065
7	(T)18-x15-(T)7	4554	4593
8	(AGA)3-x41-(T)6	4737	4792

BM31

BM31 dMax10 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TTA)4-x-3-(T)9-x4-(CTG)3-x1-(T)6	4649	4687

BM31 dMax20 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AT)3-x18-(GT)3	1847	1876
2	(ATAC)3-x16-(T)7	4089	4123
3	(TTA)4-x-3-(T)9-x4-(CTG)3-x1-(T)6	4649	4687

BM31 dMax30 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)6-x28-(G)6-x20-(AT)3	459	524
2	(AT)3-x18-(GT)3	1847	1876
3	(ATAC)3-x16-(T)7	4089	4123
4	(TTA)4-x-3-(T)9-x4-(CTG)3-x1-(T)6	4649	4687

BM31 dMax40 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End

	1	(T)6-x28-(G)6-x20-(AT)3	459	524
	2	(AGA)4-x35-(A)7	1434	1488
	3	(AT)3-x18-(GT)3	1847	1876
	4	(T)7-x37-(TA)3	3592	3641
	5	(ATAC)3-x16-(T)7	4089	4123
	6	(TTA)4-x-3-(T)9-x4-(CTG)3-x1-(T)6	4649	4687

BM31 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)6-x28-(G)6-x20-(AT)3	459	524
2	(AGA)4-x35-(A)7	1434	1488
3	(AT)3-x18-(GT)3	1847	1876
4	(T)7-x37-(TA)3	3592	3641
5	(ATAC)3-x16-(T)7	4089	4123
6	(TTA)4-x-3-(T)9-x4-(CTG)3-x1-(T)6	4649	4687

BM32

BM32 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CTT)5-x8-(TC)3	4192	4219

BM32 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x16-(A)8	3506	3535
2	(CTT)5-x8-(TC)3	4192	4219

BM32 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TG)3-x27-(A)6	1074	1112
2	(T)6-x16-(A)8	3506	3535
3	(CTT)5-x8-(TC)3	4192	4219

BM32 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TG)3-x27-(A)6	1074	1112
2	(T)6-x16-(A)8	3506	3535
3	(CTT)5-x8-(TC)3	4192	4219

BM32 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TG)3-x27-(A)6	1074	1112
2	(AT)3-x41-(AT)3-x49-(GCA)4	2112	2225
3	(T)6-x16-(A)8-x47-(AG)3	3506	3588
4	(CTT)5-x8-(TC)3	4192	4219

BM33

BM33 dMax10 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(GA)3-x-1-(A)8	1247	1259
3	(CTT)5-x8-(TC)3	4181	4208

BM33 dMax20 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 5

	No.	Compound SSR	Start	End
	1	(CT)3-x2-(CCT)3	54	71
	2	(GA)3-x-1-(A)8	1247	1259
	3	(AT)3-x16-(T)6	3355	3382
	4	(T)6-x16-(A)8	3495	3524
	5	(CTT)5-x8-(TC)3	4181	4208

BM33 dMax30 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(GA)3-x-1-(A)8	1247	1259
3	(AT)3-x16-(T)6	3355	3382
4	(T)6-x16-(A)8	3495	3524
5	(CTT)5-x8-(TC)3	4181	4208

BM33 dMax40 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3	54	71
2	(GA)3-x-1-(A)8	1247	1259
3	(TC)3-x38-(T)6-x36-(CA)3	3014	3105
4	(AT)3-x16-(T)6	3355	3382
5	(T)6-x16-(A)8	3495	3524
6	(CTT)5-x8-(TC)3	4181	4208

BM33 dMax50 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CT)3-x2-(CCT)3-x47-(A)11	54	129
2	(GA)3-x-1-(A)8	1247	1259
3	(T)6-x48-(ATT)3	2694	2757
4	(TC)3-x38-(T)6-x36-(CA)3	3014	3105
5	(AT)3-x16-(T)6	3355	3382
6	(T)6-x16-(A)8	3495	3524
7	(CTT)5-x8-(TC)3	4181	4208

BM34

BM34 dMax10 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)7-x5-(T)6	558	575
2	(T)7-x8-(T)6	2990	3010

BM34 dMax20 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GCCT)3-x14-(A)6	123	153
2	(T)7-x5-(T)6	558	575
3	(AGA)5-x15-(GAG)3	1488	1526
4	(T)7-x8-(T)6	2990	3010
5	(A)6-x19-(G)6-x19-(GCT)4	4460	4520

BM34 dMax30 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GCA)3-x29-(CCT)3-x29-(GCCT)3-x14-(A)6-x28-(CT)3	46	187
2	(T)7-x5-(T)6	558	575
3	(AGA)5-x15-(GAG)3	1488	1526
4	(A)7-x23-(A)6	2074	2109
5	(T)7-x8-(T)6	2990	3010

	6	(GAA)4-x27-(A)6-x19-(G)6-x19-(GCT)4	4421	4520

BM34 dMax40 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(GCA)3-x29-(CCT)3-x29-(GCCT)3-x14-(A)6-x28-(CT)3	46	187
2	(T)7-x5-(T)6	558	575
3	(AG)3-x35-(AG)3	1303	1349
4	(AGA)5-x15-(GAG)3-x34-(A)7	1488	1567
5	(A)7-x23-(A)6	2074	2109
6	(T)7-x8-(T)6	2990	3010
7	(GAA)4-x27-(A)6-x19-(G)6-x19-(GCT)4	4421	4520

BM34 dMax50 Total No. of Microsatellites found : 36

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(GCA)3-x29-(CCT)3-x29-(GCCT)3-x14-(A)6-x28-(CT)3	46	187
2	(T)7-x5-(T)6	558	575
3	(AG)3-x35-(AG)3	1303	1349
4	(AGA)5-x15-(GAG)3-x34-(A)7	1488	1567
5	(A)7-x23-(A)6	2074	2109
6	(T)7-x8-(T)6	2990	3010
7	(GAA)4-x27-(A)6-x19-(G)6-x19-(GCT)4	4421	4520
8	(T)6-x47-(AT)3	4724	4782

BM35

BM35 dMax10 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(G)6-x6-(CTT)5	4271	4297

BM35 dMax20 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x11-(GT)3	3947	3969
2	(G)6-x6-(CTT)5	4271	4297

BM35 dMax30 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(ATG)3-x22-(TGAA)3	1876	1919
2	(A)6-x11-(GT)3	3947	3969
3	(G)6-x6-(CTT)5	4271	4297

BM35 dMax40 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(ATG)3-x22-(TGAA)3	1876	1919
2	(A)6-x11-(GT)3	3947	3969
3	(G)6-x6-(CTT)5	4271	4297

BM35 dMax50 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(ATG)3-x22-(TGAA)3	1876	1919
2	(A)6-x11-(GT)3	3947	3969
3	(G)6-x6-(CTT)5	4271	4297

BM36

BM36 dMax10 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(C)6-x6-(A)6	4575	4592
2	(A)8-x1-(TTC)3	4691	4709

BM36 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TA)3-x16-(AG)3	627	654
2	(C)6-x6-(A)6-x17-(A)7	4575	4616
3	(A)8-x1-(TTC)3	4691	4709

BM36 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x16-(AG)3	627	654
2	(C)6-x6-(A)6-x17-(A)7-x26-(A)7	4575	4649
3	(A)8-x1-(TTC)3	4691	4709
4	(CT)3-x23-(T)6	4748	4782

BM36 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TA)3-x16-(AG)3	627	654
2	(C)6-x6-(A)6-x17-(A)7-x26-(A)7	4575	4649
3	(A)8-x1-(TTC)3-x38-(CT)3-x23-(T)6	4691	4782

BM36 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x16-(AG)3	627	654
2	(AT)3-x41-(AT)3	2753	2805
3	(A)7-x42-(TC)3	3965	4019
4	(C)6-x6-(A)6-x17-(A)7-x26-(A)7-x41-(A)8-x1-(TTC)3-x38-(CT)3-x2	4575	4782

BM37

BM37 dMax10 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)6-x1-(AGA)4	1398	1416
2	(TC)3-x1-(TG)3	2228	2240
3	(CT)3-x3-(GT)4	4569	4585
	cSSR in SSR		
		6	

BM37 dMax20 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)6-x1-(AGA)4	1398	1416
2	(TC)3-x1-(TG)3	2228	2240
3	(CT)3-x3-(GT)4	4569	4585
	cSSR in SSR		
		6	

BM37 dMax30 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 5

	No.	Compound SSR	Start	End
	1	(A)6-x1-(AGA)4	1398	1416
	2	(TC)3-x1-(TG)3	2228	2240
	3	(CT)3-x24-(TTGC)3-x20-(AC)3	3507	3575
	4	(G)8-x24-(G)13	4197	4241
	5	(CT)3-x3-(GT)4	4569	4585
		cSSR in SSR	11	

BM37 dMax40 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)6-x1-(AGA)4	1398	1416
2	(TC)3-x1-(TG)3	2228	2240
3	(CT)3-x24-(TTGC)3-x20-(AC)3	3507	3575
4	(G)8-x24-(G)13	4197	4241
5	(CT)3-x3-(GT)4	4569	4585
	cSSR in SSR	11	

BM37 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)6-x1-(AGA)4	1398	1416
2	(ATG)3-x40-(T)7	1848	1904
3	(TC)3-x1-(TG)3	2228	2240
4	(CT)3-x24-(TTGC)3-x20-(AC)3	3507	3575
5	(G)8-x24-(G)13	4197	4241
6	(CT)3-x3-(GT)4	4569	4585

BM38

BM38 dMax10 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CT)3-x9-(A)7	186	207
	SSR in cSSR 2		

BM38 dMax20 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CT)3-x9-(A)7	186	207
	SSR in cSSR	2	

BM38 dMax30 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TC)4-x27-(TG)3	5	45
2	(CT)3-x9-(A)7	186	207
3	(GAT)3-x24-(TC)4	4497	4537
	SSR in cSSR	6	

BM38 dMax40 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TC)4-x27-(TG)3	5	45
2	(CCT)3-x38-(CT)3-x9-(A)7	138	207
3	(GAT)3-x24-(TC)4	4497	4537
	SSR in cSSR	7	

BM38 dMax50 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End

	1	(TC)4-x27-(TG)3-x40-(T)6-x46-(CCT)3-x38-(CT)3-x9-(A)7	5	207
	2	(CA)3-x41-(AG)3	2674	2726
	3	(GAT)3-x24-(TC)4	4497	4537
		SSR in cSSR	10	

BM39

BM39 dMax10 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)10	112	129
2	(AGA)4-x-9-(GGA)7	1596	1619
3	(T)6-x9-(T)6	3165	3185
4	(A)6-x8-(T)7	3444	3464
5	(T)6-x4-(T)6	4332	4347

BM39 dMax20 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)10	112	129
2	(AGA)4-x-9-(GGA)7	1596	1619
3	(T)6-x9-(T)6	3165	3185
4	(A)6-x8-(T)7	3444	3464
5	(T)6-x4-(T)6	4332	4347

BM39 dMax30 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)10	112	129
2	(TTA)4-x28-(AAAT)3	325	377
3	(TC)3-x22-(CT)3	851	884
4	(AG)3-x22-(GT)3	1228	1261
5	(AGA)4-x-9-(GGA)7	1596	1619
6	(AT)3-x23-(A)7	2418	2453
7	(T)6-x9-(T)6	3165	3185
8	(A)6-x8-(T)7	3444	3464
9	(T)6-x20-(A)6	3922	3953
10	(T)6-x4-(T)6	4332	4347

BM39 dMax40 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 11

No.	Compound SSR	Start	End
1	(T)6-x35-(TA)3-x2-(A)10	71	129
2	(TTA)4-x28-(AAAT)3	325	377
3	(TC)3-x22-(CT)3	851	884
4	(T)7-x34-(TA)3	1070	1116
5	(AG)3-x22-(GT)3	1228	1261
6	(AGA)4-x-9-(GGA)7-x34-(A)6	1596	1659
7	(AT)3-x23-(A)7	2418	2453
8	(T)6-x9-(T)6	3165	3185
9	(A)6-x8-(T)7	3444	3464
10	(T)6-x20-(A)6	3922	3953
11	(T)6-x4-(T)6	4332	4347

BM39 dMax50 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 11

No.	Compound SSR	Start	End
1	(A)6-x46-(T)6-x35-(TA)3-x2-(A)10	19	129
2	(TTA)4-x28-(AAAT)3	325	377
3	(TC)3-x22-(CT)3	851	884

4	(T)7-x34-(TA)3	1070	1116
5	(AG)3-x22-(GT)3	1228	1261
6	(AGA)4-x-9-(GGA)7-x34-(A)6	1596	1659
7	(AT)3-x23-(A)7	2418	2453
8	(T)6-x9-(T)6	3165	3185
9	(A)6-x8-(T)7	3444	3464
10	(CA)3-x41-(T)6-x20-(A)6	3875	3953
11	(T)6-x4-(T)6	4332	4347

BM40

BM40 dMax10 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AG)3-x6-(CT)3-x0-(TA)3	19	42
2	(GC)3-x7-(A)6	53	71
3	(CCT)3-x7-(A)9	128	152
4	(GCT)4-x9-(TG)3	1161	1187

BM40 dMax20 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AG)3-x6-(CT)3-x0-(TA)3-x10-(GC)3-x7-(A)6-x10-(CCT)3	19	91
2	(CCT)3-x7-(A)9	128	152
3	(GCT)4-x9-(TG)3	1161	1187
4	(GTC)4-x17-(G)6	4144	4179
5	(CTG)4-x12-(CTG)6	4417	4458

BM40 dMax30 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(AG)3-x6-(CT)3-x0-(TA)3-x10-(GC)3-x7-(A)6-x10-(CCT)3	19	91
2	(CCT)3-x7-(A)9	128	152
3	(GCT)4-x9-(TG)3	1161	1187
4	(GTC)4-x17-(G)6	4144	4179
5	(ATC)3-x27-(AT)4	4285	4328
6	(CTG)4-x12-(CTG)6	4417	4458
7	(TGC)5-x24-(GAT)3	4535	4582
8	(AT)3-x26-(A)6	4702	4739

BM40 dMax40 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(AG)3-x6-(CT)3-x0-(TA)3-x10-(GC)3-x7-(A)6-x10-(CCT)3-x36-(CCT	19	152
2	(T)7-x37-(T)7	302	352
3	(AC)3-x34-(GCT)4-x9-(TG)3	1121	1187
4	(GTC)4-x17-(G)6	4144	4179
5	(ATC)3-x27-(AT)4	4285	4328
6	(CTG)4-x12-(CTG)6	4417	4458
7	(TGC)5-x24-(GAT)3	4535	4582
8	(AT)3-x26-(A)6	4702	4739
9	(TTAC)3-x33-(CT)3	4800	4850

BM40 dMax50 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(AG)3-x6-(CT)3-x0-(TA)3-x10-(GC)3-x7-(A)6-x10-(CCT)3-x36-(CC	19	152
2	(T)8-x47-(T)7-x37-(T)7	247	352
3	(AC)3-x34-(GCT)4-x9-(TG)3	1121	1187
4	(GTC)4-x17-(G)6	4144	4179
5	(ATC)3-x27-(AT)4	4285	4328
6	(CTG)4-x12-(CTG)6	4417	4458
7	(TGC)5-x24-(GAT)3	4535	4582
8	(AT)3-x26-(A)6	4702	4739
9	(TTAC)3-x33-(CT)3	4800	4850

BM41

BM41 dMax10 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x5-(A)7	93	110
2	(AGA)5-x2-(C)6-x0-(A)7	1642	1671
3	(AT)3-x6-(T)7	3587	3605
4	(A)7-x6-(CA)3	3853	3871

BM41 dMax20 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CCT)3-x12-(AGG)3-x18-(TA)3-x5-(A)7	43	110
2	(AGA)5-x2-(C)6-x0-(A)7	1642	1671
3	(TG)6-x15-(AG)3	2005	2036
4	(T)7-x10-(T)7	3155	3178
5	(AT)3-x6-(T)7	3587	3605
6	(TA)3-x11-(A)7-x6-(CA)3	3836	3871
7	(TC)3-x10-(A)6	4679	4700

BM41 dMax30 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(CCT)3-x12-(AGG)3-x18-(TA)3-x5-(A)7	43	110
2	(AGA)5-x2-(C)6-x0-(A)7	1642	1671
3	(TG)6-x15-(AG)3	2005	2036
4	(T)7-x29-(AT)3	2081	2122
5	(T)7-x10-(T)7	3155	3178
6	(AT)3-x6-(T)7	3587	3605
7	(TA)3-x11-(A)7-x6-(CA)3	3836	3871
8	(TC)3-x10-(A)6	4679	4700

BM41 dMax40 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(CCT)3-x12-(AGG)3-x18-(TA)3-x5-(A)7	43	110
2	(TG)3-x30-(AAAG)4	294	345
3	(AGA)5-x2-(C)6-x0-(A)7	1642	1671
4	(TG)6-x15-(AG)3	2005	2036
5	(T)7-x29-(AT)3	2081	2122

	6	(T)7-x10-(T)7	3155	3178
	7	(AT)3-x6-(T)7	3587	3605
	8	(TA)3-x11-(A)7-x6-(CA)3	3836	3871
	9	(TC)3-x10-(A)6	4679	4700

BM41 dMax50 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(CCT)3-x12-(AGG)3-x18-(TA)3-x5-(A)7	43	110
2	(TG)3-x30-(AAAG)4-x48-(A)7	294	400
3	(AGA)5-x2-(C)6-x0-(A)7	1642	1671
4	(TG)6-x15-(AG)3-x44-(T)7-x29-(AT)3	2005	2122
5	(T)7-x10-(T)7	3155	3178
6	(AT)3-x6-(T)7	3587	3605
7	(TA)3-x11-(A)7-x6-(CA)3	3836	3871
8	(A)6-x40-(T)14-x46-(T)6	4273	4384
9	(TC)3-x10-(A)6-x47-(A)7	4679	4754

BM42

BM42 dMax10 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)6-x-1-(A)9	132	150
2	(GA)3-x0-(T)6	1188	1199
3	(CA)3-x4-(A)6-x2-(AT)3	3602	3625
4	(CTG)3-x8-(T)6	3817	3840

BM42 dMax20 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)8-x12-(A)7-x17-(T)6	10	59
2	(TA)6-x-1-(A)9	132	150
3	(GA)3-x0-(T)6	1188	1199
4	(AT)3-x13-(CAA)4	2628	2659
5	(CA)3-x4-(A)6-x2-(AT)3	3602	3625
6	(CTG)3-x8-(T)6	3817	3840

BM42 dMax30 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)8-x12-(A)7-x17-(T)6	10	59
2	(TA)6-x-1-(A)9	132	150
3	(GA)3-x0-(T)6	1188	1199
4	(AT)3-x13-(CAA)4	2628	2659
5	(CA)3-x4-(A)6-x2-(AT)3	3602	3625
6	(CT)3-x21-(CTG)3-x8-(T)6	3790	3840

BM42 dMax40 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(T)8-x12-(A)7-x17-(T)6	10	59
2	(TA)6-x-1-(A)9	132	150

	3	(GCT)4-x36-(GCT)5	687	748
	4	(GA)3-x0-(T)6	1188	1199
	5	(A)7-x31-(A)6	1433	1476
	6	(AT)3-x13-(CAA)4	2628	2659
	7	(CA)3-x4-(A)6-x2-(AT)3	3602	3625
	8	(CT)3-x21-(CTG)3-x8-(T)6	3790	3840

BM42 dMax50 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(T)8-x12-(A)7-x17-(T)6	10	59
2	(TA)6-x-1-(A)9	132	150
3	(A)6-x42-(A)6	541	594
4	(GCT)4-x36-(GCT)5	687	748
5	(GA)3-x0-(T)6	1188	1199
6	(A)7-x31-(A)6	1433	1476
7	(A)6-x46-(T)8	1982	2041
8	(AT)3-x13-(CAA)4	2628	2659
9	(CA)3-x4-(A)6-x2-(AT)3	3602	3625
10	(CT)3-x21-(CTG)3-x8-(T)6	3790	3840

BM43

BM43 dMax10 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)6-x3-(A)7-x3-(A)6	10	34
2	(TAT)3-x0-(A)9	120	138
3	(T)6-x3-(AC)3	2757	2771

BM43 dMax20 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)6-x3-(A)7-x3-(A)6	10	34
2	(TAT)3-x0-(A)9	120	138
3	(A)6-x17-(T)8	570	600
4	(T)6-x3-(AC)3	2757	2771
5	(CT)3-x11-(TA)3	4098	4120

BM43 dMax30 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)6-x3-(A)7-x3-(A)6	10	34
2	(TAT)3-x0-(A)9	120	138
3	(A)6-x17-(T)8	570	600
4	(T)6-x3-(AC)3	2757	2771
5	(CT)3-x23-(T)7	3741	3776
6	(CT)3-x11-(TA)3	4098	4120

BM43 dMax40 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)6-x3-(A)7-x3-(A)6-x38-(CTTA)3-x36-(TAT)3-x0-(A)9	10	138

	2	(A)6-x36-(A)6-x17-(T)8	528	600
	3	(GCT)4-x36-(GCT)4	665	724
	4	(T)7-x30-(GT)3	2010	2052
	5	(T)6-x3-(AC)3	2757	2771
	6	(CT)3-x23-(T)7-x35-(T)6	3741	3817
	7	(CT)3-x11-(TA)3-x32-(A)6	4098	4158

BM43 dMax50 Total No. of Microsatellites found : 30

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)6-x3-(A)7-x3-(A)6-x38-(CTTA)3-x36-(TAT)3-x0-(A)9	10	138
2	(A)6-x36-(A)6-x17-(T)8	528	600
3	(GCT)4-x36-(GCT)4	665	724
4	(T)7-x30-(GT)3	2010	2052
5	(T)6-x3-(AC)3	2757	2771
6	(CT)3-x23-(T)7-x35-(T)6	3741	3817
7	(CT)3-x11-(TA)3-x32-(A)6	4098	4158

BM44

BM44 dMax10 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(ATG)4-x4-(G)6	236	256
2	(A)6-x3-(AT)3	4605	4619

BM44 dMax20 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(ATG)4-x4-(G)6	236	256
2	(T)6-x14-(T)6	742	767
3	(T)6-x14-(T)6	4315	4340
4	(A)6-x3-(AT)3	4605	4619

BM44 dMax30 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(ATG)4-x4-(G)6	236	256
2	(T)6-x14-(T)6	742	767
3	(G)6-x26-(T)8	3269	3308
4	(T)6-x14-(T)6	4315	4340
5	(A)6-x3-(AT)3	4605	4619

BM44 dMax40 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(ATG)4-x4-(G)6	236	256
2	(T)6-x14-(T)6	742	767
3	(G)6-x26-(T)8	3269	3308
4	(T)6-x14-(T)6	4315	4340
5	(T)6-x30-(TCA)4	4457	4504
6	(A)6-x3-(AT)3	4605	4619
7	(CA)3-x35-(T)7	4795	4842

BM44 dMax50 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(ATG)4-x4-(G)6	236	256
2	(T)6-x14-(T)6	742	767
3	(G)6-x26-(T)8	3269	3308
4	(T)6-x14-(T)6	4315	4340
5	(T)6-x30-(TCA)4	4457	4504
6	(A)6-x3-(AT)3	4605	4619
7	(CA)3-x35-(T)7	4795	4842

BM45

BM45 dMax10 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)14	112	132
2	(AGG)4-x5-(T)6	574	596
3	(TA)4-x1-(A)7	4773	4788

BM45 dMax20 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)14	112	132
2	(AGG)4-x5-(T)6	574	596
3	(T)6-x10-(A)6	4705	4726
4	(TA)4-x1-(A)7	4773	4788

BM45 dMax30 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)14	112	132
2	(AGG)4-x5-(T)6	574	596
3	(T)6-x10-(A)6	4705	4726
4	(TA)4-x1-(A)7	4773	4788

BM45 dMax40 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)6-x36-(TA)3-x1-(A)14	70	132
2	(AGG)4-x5-(T)6	574	596
3	(T)6-x10-(A)6	4705	4726
4	(TA)4-x1-(A)7	4773	4788

BM45 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)6-x36-(TA)3-x1-(A)14	70	132
2	(AGG)4-x5-(T)6	574	596
3	(CT)3-x41-(GCTAC)3	1004	1066
4	(TCT)4-x42-(T)6	4361	4420
5	(AGCAA)3-x45-(T)6-x10-(A)6-x46-(TA)4-x1-(A)7	4646	4788

BM46

BM46 dMax10 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AGA)5-x7-(A)8	1583	1612
2	(A)6-x0-(CT)3	3921	3932
3	(TCT)4-x5-(T)6	4348	4372

BM46 dMax20 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 3

1	(AGA)5-x7-(A)8	1583	1612
2	(T)7-x19-(A)6-x0-(CT)3	3895	3932
3	(TCT)4-x5-(T)6	4348	4372

BM46 dMax30 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TC)3-x28-(AGA)5-x7-(A)8	1549	1612
2	(G)6-x22-(TG)3	2049	2082
3	(TC)3-x27-(CAC)4	2268	2312
4	(T)7-x19-(A)6-x0-(CT)3	3895	3932
5	(T)6-x27-(TCT)4-x5-(T)6	4315	4372
6	(AT)3-x26-(CA)3-x20-(TC)3	4638	4701

BM46 dMax40 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(A)6-x34-(T)7	253	299
2	(TC)3-x28-(AGA)5-x7-(A)8	1549	1612
3	(G)6-x22-(TG)3	2049	2082
4	(TC)3-x27-(CAC)4	2268	2312
5	(T)7-x19-(A)6-x0-(CT)3	3895	3932
6	(T)6-x27-(TCT)4-x5-(T)6-x34-(TTC)9	4315	4433
7	(AT)3-x26-(CA)3-x20-(TC)3	4638	4701

BM46 dMax50 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(A)6-x34-(T)7	253	299
2	(TC)3-x28-(AGA)5-x7-(A)8	1549	1612
3	(G)6-x22-(TG)3	2049	2082
4	(TC)3-x27-(CAC)4	2268	2312
5	(T)7-x19-(A)6-x0-(CT)3	3895	3932
6	(T)6-x27-(TCT)4-x5-(T)6-x34-(TTC)9	4315	4433
7	(AT)3-x26-(CA)3-x20-(TC)3	4638	4701

BM47

BM47 dMax10 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 2

RESULTS: 1 - 2

No.	Compound SSR	Start	End
1	(AGG)4-x-2-(G)6	2694	2708
2	(AG)3-x7-(AC)3-x1-(AAT)4	4383	4414

BM47 dMax20 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AGA)7-x13-(A)6	1485	1524
2	(AGG)4-x-2-(G)6	2694	2708
3	(AG)3-x7-(AC)3-x1-(AAT)4	4383	4414

BM47 dMax30 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AT)4-x21-(AG)3	1205	1239
2	(AGA)7-x13-(A)6	1485	1524
3	(AGG)4-x-2-(G)6	2694	2708
4	(A)6-x26-(TA)3	4056	4093
5	(AG)3-x7-(AC)3-x1-(AAT)4	4383	4414

BM47 dMax40 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(GA)3-x39-(A)8	53	105
2	(C)6-x31-(GAG)5	392	443
3	(T)6-x37-(AT)4-x21-(AG)3-x38-(AG)3	1162	1283
4	(AGA)7-x13-(A)6	1485	1524
5	(AGG)4-x-2-(G)6	2694	2708
6	(T)6-x34-(TC)3	3066	3111
7	(A)8-x39-(A)6-x26-(TA)3	4009	4093
8	(AG)3-x7-(AC)3-x1-(AAT)4	4383	4414

BM47 dMax50 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(GA)3-x39-(A)8	53	105
2	(C)6-x31-(GAG)5	392	443
3	(T)6-x37-(AT)4-x21-(AG)3-x38-(AG)3-x45-(AGA)4	1162	1340
4	(AGA)7-x13-(A)6	1485	1524
5	(GA)3-x45-(TGA)3	1719	1779
6	(AGG)4-x-2-(G)6	2694	2708
7	(T)6-x34-(TC)3	3066	3111
8	(A)8-x39-(A)6-x26-(TA)3	4009	4093
9	(AG)3-x7-(AC)3-x1-(AAT)4	4383	4414

BM48

BM48 dMax10 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TAT)3-x0-(A)9	121	139
2	(CTG)3-x8-(T)6	3783	3806

BM48 dMax20 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TAT)3-x0-(A)9	121	139
2	(T)7-x17-(CTG)3-x8-(T)6	3759	3806

BM48 dMax30 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TAT)3-x0-(A)9	121	139
2	(T)7-x17-(CTG)3-x8-(T)6	3759	3806
3	(A)6-x25-(AATT)3	4142	4183

BM48 dMax40 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GA)3-x31-(TAT)3-x0-(A)9	84	139
2	(GCT)4-x36-(GCT)4	675	734
3	(T)6-x37-(AT)3	3105	3153
4	(T)7-x17-(CTG)3-x8-(T)6	3759	3806
5	(TA)3-x32-(A)6-x25-(AATT)3	4104	4183

BM48 dMax50 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GA)3-x31-(TAT)3-x0-(A)9	84	139
2	(GCT)4-x36-(GCT)4	675	734
3	(T)6-x37-(AT)3	3105	3153
4	(T)7-x17-(CTG)3-x8-(T)6	3759	3806
5	(TA)3-x32-(A)6-x25-(AATT)3	4104	4183
6	(CA)3-x40-(T)6	4236	4287

BM49

BM49 dMax10 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 5

RESULTS: 1 - 5

No.	Compound SSR	Start	End
1	(TA)4-x-1-(A)8	15	29
2	(TA)4-x-1-(A)8	113	127
3	(T)8-x5-(G)7	1897	1916
4	(T)7-x4-(T)6	3744	3760
5	(T)7-x4-(A)6	4830	4846

BM49 dMax20 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(TA)4-x-1-(A)8	15	29
2	(TA)4-x-1-(A)8	113	127
3	(A)7-x18-(T)7	340	371
4	(T)8-x5-(G)7	1897	1916
5	(T)7-x4-(T)6	3744	3760
6	(A)9-x16-(A)6	4429	4459

	7	(T)7-x4-(A)6	4830	4846

BM49 dMax30 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(TA)4-x-1-(A)8	15	29
2	(TA)4-x-1-(A)8	113	127
3	(A)7-x18-(T)7	340	371
4	(T)8-x5-(G)7	1897	1916
5	(T)7-x4-(T)6	3744	3760
6	(A)9-x16-(A)6	4429	4459
7	(T)7-x4-(A)6	4830	4846

BM49 dMax40 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(TA)4-x-1-(A)8	15	29
2	(TA)4-x-1-(A)8	113	127
3	(A)7-x18-(T)7	340	371
4	(GCT)4-x36-(GCT)4	577	636
5	(T)8-x5-(G)7	1897	1916
6	(T)7-x4-(T)6	3744	3760
7	(T)8-x37-(TCA)3	4275	4328
8	(A)9-x16-(A)6	4429	4459
9	(T)7-x4-(A)6	4830	4846

BM49 dMax50 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(TA)4-x-1-(A)8	15	29
2	(TA)4-x-1-(A)8	113	127
3	(A)7-x18-(T)7-x49-(A)7	340	427
4	(GCT)4-x36-(GCT)4	577	636
5	(T)8-x5-(G)7	1897	1916
6	(T)6-x43-(TG)3	2627	2681
7	(T)7-x4-(T)6-x46-(A)7	3744	3813
8	(T)8-x37-(TCA)3	4275	4328
9	(A)9-x16-(A)6	4429	4459
10	(T)7-x4-(A)6	4830	4846

BM50

BM50 dMax10 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TG)3-x9-(GT)3	63	83
2	(T)6-x4-(AC)3	226	241
3	(CTAA)3-x8-(T)7	3331	3356
4	(TG)3-x6-(T)7	3529	3547

BM50 dMax20 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 5

RESULTS: 1 - 5

No.	Compound SSR	Start	End

	1	(TG)3-x9-(GT)3	63	83
	2	(T)6-x4-(AC)3	226	241
	3	(CTAA)3-x8-(T)7	3331	3356
	4	(TG)3-x6-(T)7	3529	3547
	5	(AT)3-x17-(AT)3	4639	4667

BM50 dMax30 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TG)3-x9-(GT)3	63	83
2	(T)6-x4-(AC)3	226	241
3	(CAG)4-x28-(TA)3	1255	1300
4	(CTAA)3-x8-(T)7	3331	3356
5	(TG)3-x6-(T)7	3529	3547
6	(AT)3-x17-(AT)3	4639	4667

BM50 dMax40 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(A)7-x33-(TG)3-x9-(GT)3	23	83
2	(T)6-x4-(AC)3	226	241
3	(CAG)4-x28-(TA)3	1255	1300
4	(CTAA)3-x8-(T)7	3331	3356
5	(TG)3-x6-(T)7	3529	3547
6	(A)9-x37-(CA)3	4476	4527
7	(AT)3-x17-(AT)3	4639	4667

BM50 dMax50 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(A)7-x33-(TG)3-x9-(GT)3	23	83
2	(T)6-x4-(AC)3	226	241
3	(CAG)4-x28-(TA)3	1255	1300
4	(T)6-x44-(TA)3	2680	2735
5	(T)6-x42-(T)6	2873	2926
6	(CTAA)3-x8-(T)7	3331	3356
7	(TG)3-x6-(T)7	3529	3547
8	(CAT)3-x43-(TA)3	3614	3671
9	(A)9-x37-(CA)3	4476	4527
10	(AT)3-x17-(AT)3	4639	4667

BM51

BM51 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(AC)3-x1-(T)7	3691	3704

BM51 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(AC)3-x1-(T)7	3691	3704

BM51 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(AC)3-x1-(T)7-x29-(T)7	3691	3740
2	(TCT)4-x21-(AC)3	4928	4966

BM51 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(C)6-x34-(TCCA)3	922	974
2	(AC)3-x1-(T)7-x29-(T)7	3691	3740
3	(A)7-x30-(CT)3	4629	4671

BM51 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(C)6-x34-(TCCA)3	922	974
2	(AGC)4-x44-(T)7	3394	3456
3	(AC)3-x1-(T)7-x29-(T)7	3691	3740
4	(A)7-x30-(CT)3	4629	4671

BM52

BM52 dMax10 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)6	92	104
2	(A)6-x9-(GC)3	1320	1340
3	(TA)3-x9-(T)6	4345	4365
4	(TCT)4-x9-(CT)3-x0-(TG)3	4462	4493

BM52 dMax20 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)7-x13-(TA)3-x1-(A)6	72	104
2	(A)6-x9-(GC)3	1320	1340
3	(T)6-x12-(CA)3	4132	4155
4	(TA)3-x9-(T)6	4345	4365
5	(TCT)4-x9-(CT)3-x0-(TG)3	4462	4493

BM52 dMax30 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CTG)4-x29-(A)7-x13-(TA)3-x1-(A)6	31	104
2	(A)6-x9-(GC)3	1320	1340
3	(TCA)4-x28-(T)6-x12-(CA)3	4092	4155
4	(TA)3-x9-(T)6	4345	4365
5	(TCT)4-x9-(CT)3-x0-(TG)3	4462	4493

BM52 dMax40 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CTG)4-x29-(A)7-x13-(TA)3-x1-(A)6	31	104
2	(A)6-x9-(GC)3	1320	1340
3	(T)6-x39-(A)6	2813	2863
4	(TCA)4-x28-(T)6-x12-(CA)3-x38-(CAA)3	4092	4203
5	(TA)3-x9-(T)6	4345	4365
6	(TCT)4-x9-(CT)3-x0-(TG)3	4462	4493

BM52 dMax50 Total No. of Microsatellites found : 34

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(CTG)4-x29-(A)7-x13-(TA)3-x1-(A)6	31	104
2	(A)6-x9-(GC)3	1320	1340
3	(T)6-x39-(A)6	2813	2863
4	(G)6-x47-(CA)3	3309	3367
5	(TCA)4-x28-(T)6-x12-(CA)3-x38-(CAA)3	4092	4203
6	(TA)3-x9-(T)6	4345	4365
7	(TCT)4-x9-(CT)3-x0-(TG)3	4462	4493

BM53

BM53 dMax10 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(TC)3-x8-(ACA)5	2198	2225
2	(TA)3-x0-(T)7	3011	3023
3	(CA)3-x0-(TA)3	4255	4266
4	(TC)3-x3-(C)6	4662	4676
5	(A)6-x7-(G)6	4731	4749

BM53 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x16-(T)6	264	292
2	(TC)3-x8-(ACA)5	2198	2225
3	(TA)3-x0-(T)7	3011	3023
4	(CA)3-x0-(TA)3	4255	4266
5	(TC)3-x3-(C)6	4662	4676
6	(A)6-x7-(G)6	4731	4749

BM53 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x16-(T)6-x26-(TG)3	264	324
2	(TC)3-x8-(ACA)5	2198	2225
3	(TA)3-x0-(T)7	3011	3023
4	(A)6-x20-(CA)3-x0-(TA)3	4229	4266
5	(TC)3-x3-(C)6	4662	4676
6	(A)6-x7-(G)6-x22-(CA)3	4731	4777

BM53 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)7-x16-(T)6-x26-(TG)3	264	324

	2	(TC)3-x8-(ACA)5	2198	2225
	3	(TA)3-x0-(T)7	3011	3023
	4	(A)6-x20-(CA)3-x0-(TA)3	4229	4266
	5	(TC)3-x3-(C)6	4662	4676
	6	(A)6-x7-(G)6-x22-(CA)3-x39-(T)7	4731	4823

BM53 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)7-x16-(T)6-x26-(TG)3	264	324
2	(AT)3-x48-(T)8	1030	1091
3	(TC)3-x8-(ACA)5	2198	2225
4	(TA)3-x0-(T)7-x48-(T)8-x46-(T)9	3011	3134
5	(A)6-x20-(CA)3-x0-(TA)3	4229	4266
6	(TC)3-x3-(C)6	4662	4676
7	(A)6-x7-(G)6-x22-(CA)3-x39-(T)7	4731	4823

BM54

BM54 dMax10 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TG)3-x7-(A)6	4214	4232

BM54 dMax20 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x12-(CAG)3	2044	2071
2	(TG)3-x7-(A)6	4214	4232

BM54 dMax30 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)6-x12-(CAG)3	2044	2071
2	(TG)3-x7-(A)6	4214	4232
3	(GCAA)3-x29-(A)6	4339	4386

BM54 dMax40 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)7-x31-(GT)3	1957	2000
2	(A)6-x12-(CAG)3	2044	2071
3	(T)6-x31-(TC)3	2975	3017
4	(TG)3-x7-(A)6	4214	4232
5	(GCAA)3-x29-(A)6	4339	4386
6	(T)6-x33-(TCA)3	4435	4482
7	(T)6-x37-(T)7	5010	5059

BM54 dMax50 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)6-x46-(T)7-x31-(GT)3-x43-(A)6-x12-(CAG)3	1905	2071

2	(AAC)4-x43-(T)6	2669	2729
3	(T)6-x31-(TC)3	2975	3017
4	(TG)3-x7-(A)6	4214	4232
5	(GCAA)3-x29-(A)6-x48-(T)6-x33-(TCA)3	4339	4482
6	(T)6-x37-(T)7	5010	5059

BM55

BM55 dMax10 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(T)6-x9-(TA)3	4075	4095

BM55 dMax20 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x17-(A)6	3783	3811
2	(T)6-x14-(T)6-x9-(TA)3-x19-(CTTA)3	4055	4125

BM55 dMax30 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)6-x17-(A)6	3783	3811
2	(T)6-x14-(T)6-x9-(TA)3-x19-(CTTA)3	4055	4125
3	(CTT)4-x27-(TTC)4	4187	4237

BM55 dMax40 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)8-x37-(T)7	2899	2950
2	(T)6-x17-(A)6	3783	3811
3	(T)6-x14-(T)6-x9-(TA)3-x19-(CTTA)3	4055	4125
4	(CTT)4-x27-(TTC)4	4187	4237

BM55 dMax50 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)6-x40-(CT)4-x49-(A)10	10	122
2	(T)8-x37-(T)7	2899	2950
3	(CA)3-x41-(T)6-x17-(A)6	3736	3811
4	(T)6-x14-(T)6-x9-(TA)3-x19-(CTTA)3	4055	4125
5	(CTT)4-x27-(TTC)4	4187	4237

BM56

BM56 dMax10 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TA)3-x-1-(A)9	90	103

BM56 dMax20 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x13-(TA)3-x-1-(A)9	70	103
2	(AT)3-x16-(CT)3	3861	3888
3	(TC)3-x18-(G)6	4567	4596

BM56 dMax30 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x13-(TA)3-x-1-(A)9	70	103
2	(AT)3-x16-(CT)3	3861	3888
3	(TC)3-x18-(G)6-x25-(AT)3	4567	4627

BM56 dMax40 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x13-(TA)3-x-1-(A)9	70	103
2	(AT)3-x16-(CT)3	3861	3888
3	(TC)3-x18-(G)6-x25-(AT)3	4567	4627

BM56 dMax50 Total No. of Microsatellites found : 22

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)7-x13-(TA)3-x-1-(A)9	70	103
2	(A)6-x46-(AAGG)3	2414	2478
3	(AT)3-x16-(CT)3	3861	3888
4	(TC)3-x18-(G)6-x25-(AT)3	4567	4627

BM57

BM57 dMax10 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(AT)3-x9-(TC)3	2947	2967
2	(A)8-x1-(A)8	4007	4023

BM57 dMax20 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(AT)3-x9-(TC)3	2947	2967
2	(A)8-x1-(A)8-x19-(CA)3	4007	4048

BM57 dMax30 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CAGG)3-x22-(GA)3	1580	1619
2	(AT)3-x9-(TC)3	2947	2967
3	(A)8-x1-(A)8-x19-(CA)3	4007	4048
4	(A)7-x26-(T)10	4674	4716

BM57 dMax40 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AG)3-x31-(CAGG)3-x22-(GA)3	1543	1619
2	(AT)3-x9-(TC)3	2947	2967
3	(A)8-x1-(A)8-x19-(CA)3	4007	4048
4	(A)7-x26-(T)10	4674	4716

BM57 dMax50 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AG)3-x31-(CAGG)3-x22-(GA)3	1543	1619
2	(AT)3-x9-(TC)3	2947	2967
3	(A)8-x1-(A)8-x19-(CA)3	4007	4048
4	(T)6-x47-(A)7-x26-(T)10	4621	4716

BM58

BM58 dMax10 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(GGA)6-x8-(A)7	1719	1754

BM58 dMax20 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CT)3-x11-(A)9	99	124
2	(GGA)6-x8-(A)7-x15-(CCGCTC)3	1719	1787

BM58 dMax30 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CT)3-x11-(A)9	99	124
2	(GGA)6-x8-(A)7-x15-(CCGCTC)3	1719	1787
3	(T)6-x21-(AG)3	3872	3904

BM58 dMax40 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CT)3-x11-(A)9	99	124
2	(GGA)6-x8-(A)7-x15-(CCGCTC)3	1719	1787
3	(GT)3-x31-(T)6	2808	2850
4	(T)6-x34-(CT)3	3761	3806
5	(T)6-x21-(AG)3	3872	3904

BM58 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CT)3-x11-(A)9	99	124
2	(GGA)6-x8-(A)7-x15-(CCGCTC)3	1719	1787
3	(GT)3-x31-(T)6	2808	2850
4	(T)6-x34-(CT)3	3761	3806
5	(T)6-x21-(AG)3	3872	3904
6	(C)6-x40-(CT)3	4661	4712

BM59

BM59 dMax10 Total No. of Microsatellites found : 19

Total No. of Compound Microsatellites found : 0

BM59 dMax20 Total No. of Microsatellites found : 19

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(GT)3-x13-(T)6	389	413

BM59 dMax30 Total No. of Microsatellites found : 19

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)7-x22-(GCT)3	122	159
2	(GT)3-x13-(T)6	389	413

BM59 dMax40 Total No. of Microsatellites found : 19

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)7-x22-(GCT)3	122	159
2	(GT)3-x13-(T)6	389	413

BM59 dMax50 Total No. of Microsatellites found : 19

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)9-x49-(CT)4-x49-(A)7-x22-(GCT)3	7	159
2	(GT)3-x13-(T)6	389	413

BM60

BM60 dMax10 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 1

1	(TC)3-x5-(TTC)4	3921	3943

BM60 dMax20 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)13-x14-(AT)3	2159	2191
2	(T)6-x14-(T)6	3584	3609
3	(TC)3-x5-(TTC)4	3921	3943

BM60 dMax30 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)13-x14-(AT)3	2159	2191
2	(T)6-x14-(T)6	3584	3609
3	(TC)3-x5-(TTC)4	3921	3943

BM60 dMax40 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)13-x14-(AT)3	2159	2191
2	(T)6-x14-(T)6	3584	3609
3	(TC)3-x5-(TTC)4	3921	3943

BM60 dMax50 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)13-x14-(AT)3	2159	2191
2	(T)6-x14-(T)6	3584	3609
3	(TC)3-x5-(TTC)4	3921	3943

BM61

BM61 dMax10 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AGA)4-x2-(AGG)4-x8-(A)8	1653	1694
2	(TA)3-x9-(T)6	4144	4164
3	(T)6-x7-(T)6	4259	4277

BM61 dMax20 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AGA)4-x2-(AGG)4-x8-(A)8	1653	1694
2	(TA)3-x9-(T)6	4144	4164
3	(T)6-x7-(T)6	4259	4277

BM61 dMax30 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(ACT)3-x28-(A)6	293	335
2	(TC)3-x28-(AGA)4-x2-(AGG)4-x8-(A)8	1619	1694
3	(TA)3-x9-(T)6	4144	4164
4	(T)6-x7-(T)6	4259	4277

BM61 dMax40 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(ACT)3-x28-(A)6	293	335

	2	(TC)3-x28-(AGA)4-x2-(AGG)4-x8-(A)8-x30-(TAA)3	1619	1733
	3	(TA)3-x9-(T)6	4144	4164
	4	(T)6-x7-(T)6	4259	4277

BM61 dMax50 Total No. of Microsatellites found : 28

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(ACT)3-x28-(A)6	293	335
2	(TC)3-x28-(AGA)4-x2-(AGG)4-x8-(A)8-x30-(TAA)3	1619	1733
3	(A)6-x44-(C)7	2293	2349
4	(TA)3-x9-(T)6	4144	4164
5	(T)6-x7-(T)6	4259	4277

BM62

BM62 dMax10 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x5-(A)6	3107	3123
2	(A)6-x2-(AT)3	3580	3593

BM62 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x5-(A)6	3107	3123
2	(A)6-x2-(AT)3	3580	3593

BM62 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x5-(A)6	3107	3123
2	(T)7-x25-(A)6-x2-(AT)3	3548	3593

BM62 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GCT)4-x36-(GCT)4	673	732
2	(T)6-x5-(A)6	3107	3123
3	(T)7-x25-(A)6-x2-(AT)3	3548	3593
4	(T)7-x35-(T)6	3761	3808
5	(T)6-x39-(TAA)4	3894	3950

BM62 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)7-x48-(T)8	547	609
2	(GCT)4-x36-(GCT)4	673	732
3	(T)6-x5-(A)6	3107	3123
4	(T)7-x25-(A)6-x2-(AT)3-x49-(AT)3	3548	3648
5	(T)7-x35-(T)6	3761	3808
6	(T)6-x39-(TAA)4	3894	3950

BM64

BM64 dMax10 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)6-x5-(AGA)4	1567	1589
2	(TG)5-x1-(CTC)4	4417	4439
3	(C)6-x9-(CA)3	4581	4601

BM64 dMax20 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)6-x5-(AGA)4	1567	1589
2	(T)9-x12-(TG)5-x1-(CTC)4	4396	4439
3	(C)6-x9-(CA)3	4581	4601

BM64 dMax30 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GTGGCA)3-x26-(GT)3	497	547
2	(AT)4-x21-(AG)3	1316	1350
3	(A)6-x5-(AGA)4-x21-(A)6-x21-(CAG)3	1567	1646
4	(T)9-x12-(TG)5-x1-(CTC)4	4396	4439
5	(C)6-x9-(CA)3-x20-(TC)3	4581	4627
6	(CA)3-x25-(T)6	4730	4766

BM64 dMax40 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GTGGCA)3-x26-(GT)3	497	547
2	(AT)4-x21-(AG)3	1316	1350
3	(A)6-x5-(AGA)4-x21-(A)6-x21-(CAG)3	1567	1646
4	(T)9-x12-(TG)5-x1-(CTC)4	4396	4439
5	(C)6-x9-(CA)3-x20-(TC)3	4581	4627
6	(CA)3-x25-(T)6	4730	4766

BM64 dMax50 Total No. of Microsatellites found : 35

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GTGGCA)3-x26-(GT)3	497	547
2	(AT)4-x21-(AG)3	1316	1350
3	(A)6-x5-(AGA)4-x21-(A)6-x21-(CAG)3	1567	1646
4	(T)9-x12-(TG)5-x1-(CTC)4	4396	4439
5	(C)6-x9-(CA)3-x20-(TC)3	4581	4627
6	(CA)3-x25-(T)6	4730	4766

BM65

BM65 dMax10 Total No. of Microsatellites found : 47

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TAAG)3-x0-(GGA)4	332	354

	2	(ATC)4-x-3-(TTC)5	2780	2803
	3	(TA)3-x9-(T)6	4168	4188
	4	(TA)3-x6-(TC)3	4515	4532

BM65 dMax20 Total No. of Microsatellites found : 47

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(A)6-x15-(GC)3	117	143
2	(TAAG)3-x0-(GGA)4-x11-(A)7	332	372
3	(AGA)4-x18-(A)6	1494	1529
4	(ATC)4-x-3-(TTC)5	2780	2803
5	(TA)3-x9-(T)6	4168	4188
6	(GT)3-x10-(T)9	4282	4306
7	(TA)3-x6-(TC)3	4515	4532
8	(T)7-x16-(AGC)3	4676	4707

BM65 dMax30 Total No. of Microsatellites found : 47

Total No. of Compound Microsatellites found : 11

No.	Compound SSR	Start	End
1	(T)6-x20-(TGC)4-x29-(A)6	1	73
2	(A)6-x15-(GC)3	117	143
3	(TAAG)3-x0-(GGA)4-x11-(A)7	332	372
4	(TA)3-x20-(AG)3	1235	1266
5	(AGA)4-x18-(A)6-x21-(CAG)3	1494	1559
6	(ATC)4-x-3-(TTC)5	2780	2803
7	(A)6-x23-(CT)3	2835	2869
8	(TA)3-x9-(T)6	4168	4188
9	(GT)3-x10-(T)9-x24-(TTC)7	4282	4351
10	(T)6-x27-(TA)3-x6-(TC)3	4482	4532
11	(T)7-x16-(AGC)3	4676	4707

BM65 dMax40 Total No. of Microsatellites found : 47

Total No. of Compound Microsatellites found : 11

No.	Compound SSR	Start	End
1	(T)6-x20-(TGC)4-x29-(A)6	1	73
2	(A)6-x15-(GC)3	117	143
3	(TAAG)3-x0-(GGA)4-x11-(A)7	332	372
4	(TA)3-x20-(AG)3	1235	1266
5	(AGA)4-x18-(A)6-x21-(CAG)3	1494	1559
6	(A)6-x31-(G)6	2134	2176
7	(AGG)4-x30-(ATC)4-x-3-(TTC)5-x31-(A)6-x23-(CT)3	2738	2869
8	(TA)3-x9-(T)6	4168	4188
9	(GT)3-x10-(T)9-x24-(TTC)7	4282	4351
10	(T)6-x27-(TA)3-x6-(TC)3	4482	4532
11	(T)7-x16-(AGC)3	4676	4707

BM65 dMax50 Total No. of Microsatellites found : 47

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(T)6-x20-(TGC)4-x29-(A)6-x43-(A)6-x15-(GC)3	1	143
2	(TAAG)3-x0-(GGA)4-x11-(A)7	332	372
3	(T)6-x40-(TA)3-x20-(AG)3	1189	1266
4	(AGA)4-x18-(A)6-x21-(CAG)3	1494	1559
5	(A)6-x31-(G)6	2134	2176
6	(AGG)4-x30-(ATC)4-x-3-(TTC)5-x31-(A)6-x23-(CT)3	2738	2869

	7	(TA)3-x9-(T)6	4168	4188
	8	(GT)3-x10-(T)9-x24-(TTC)7	4282	4351
	9	(T)6-x27-(TA)3-x6-(TC)3	4482	4532
	10	(T)7-x16-(AGC)3	4676	4707

BM66

BM66 dMax10 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)9	34	51
2	(TA)6-x-1-(A)8	83	100

BM66 dMax20 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)9	34	51
2	(TA)6-x-1-(A)8	83	100

BM66 dMax30 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)9	34	51
2	(TA)6-x-1-(A)8	83	100

BM66 dMax40 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)9-x31-(TA)6-x-1-(A)8	34	100
2	(A)6-x31-(CA)6	2082	2129

BM66 dMax50 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)9-x31-(TA)6-x-1-(A)8-x44-(G)6	34	150
2	(A)6-x31-(CA)6	2082	2129

BM67

BM67 dMax10 Total No. of Microsatellites found : 40
Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)6	43	57
2	(AT)3-x4-(A)7	94	110
3	(TGC)4-x9-(TTA)5	1074	1109
4	(AGA)5-x8-(A)7	1704	1733
5	(T)6-x6-(CTT)4	4441	4464

BM67 dMax20 Total No. of Microsatellites found : 40
Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End

1	(CCT)3-x-1-(T)6	43	57
2	(AT)3-x4-(A)7	94	110
3	(TGC)4-x9-(TTA)5	1074	1109
4	(AGA)5-x8-(A)7	1704	1733
5	(A)9-x17-(A)6	1922	1953
6	(TGC)4-x18-(AGA)3	2485	2523
7	(TTC)4-x11-(T)6-x6-(CTT)4	4418	4464

BM67 dMax30 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(T)7-x28-(CCT)3-x-1-(T)6	8	57
2	(AT)3-x4-(A)7	94	110
3	(TGC)4-x9-(TTA)5	1074	1109
4	(CTT)4-x22-(TC)3-x28-(AGA)5-x8-(A)7	1636	1733
5	(A)9-x17-(A)6	1922	1953
6	(TGC)4-x18-(AGA)3	2485	2523
7	(TC)3-x26-(AG)3	2967	3004
8	(T)13-x27-(TTC)4-x11-(T)6-x6-(CTT)4-x26-(CAAAA)3	4378	4505

BM67 dMax40 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)7-x28-(CCT)3-x-1-(T)6-x36-(AT)3-x4-(A)7	8	110
2	(TGC)4-x9-(TTA)5	1074	1109
3	(CTT)4-x22-(TC)3-x28-(AGA)5-x8-(A)7	1636	1733
4	(A)9-x17-(A)6	1922	1953
5	(TGC)4-x18-(AGA)3	2485	2523
6	(TC)3-x26-(AG)3	2967	3004
7	(T)13-x27-(TTC)4-x11-(T)6-x6-(CTT)4-x26-(CAAAA)3	4378	4505

BM67 dMax50 Total No. of Microsatellites found : 40

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(T)7-x28-(CCT)3-x-1-(T)6-x36-(AT)3-x4-(A)7	8	110
2	(GCT)4-x41-(TGC)4-x9-(TTA)5	1021	1109
3	(CTT)4-x22-(TC)3-x28-(AGA)5-x8-(A)7	1636	1733
4	(A)9-x17-(A)6	1922	1953
5	(TGC)4-x18-(AGA)3	2485	2523
6	(TC)3-x26-(AG)3	2967	3004
7	(AC)3-x45-(A)6	4056	4112
8	(T)13-x27-(TTC)4-x11-(T)6-x6-(CTT)4-x26-(CAAAA)3	4378	4505

BM68

BM68 dMax10 Total No. of Microsatellites found : 46

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TA)4-x3-(A)7	93	110
2	(TGC)4-x9-(TTA)4	1063	1095
3	(AGA)5-x8-(A)7	1693	1722

BM68 dMax20 Total No. of Microsatellites found : 46

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(TA)4-x3-(A)7	93	110

	2	(TGC)4-x9-(TTA)4	1063	1095
	3	(AGA)5-x8-(A)7	1693	1722
	4	(ATA)3-x11-(T)7	2950	2977
	5	(CA)3-x11-(GCT)3	3432	3457
	6	(T)6-x17-(A)6	4263	4291
	7	(TC)3-x13-(T)13	4355	4386
	8	(TCA)4-x19-(CTT)4	4415	4457

BM68 dMax30 Total No. of Microsatellites found : 46

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(TA)4-x3-(A)7	93	110
2	(TGC)4-x9-(TTA)4	1063	1095
3	(CTT)4-x22-(TC)3-x28-(AGA)5-x8-(A)7	1625	1722
4	(ATA)3-x11-(T)7-x20-(A)6	2950	3003
5	(T)6-x23-(AT)3	3089	3123
6	(CA)3-x11-(GCT)3	3432	3457
7	(AC)3-x23-(TTTCA)3	3527	3571
8	(T)6-x17-(A)6	4263	4291
9	(TC)3-x13-(T)13-x28-(TCA)4-x19-(CTT)4-x26-(CAAAA)3	4355	4498

BM68 dMax40 Total No. of Microsatellites found : 46

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(TA)4-x3-(A)7	93	110
2	(TGC)4-x9-(TTA)4	1063	1095
3	(CTT)4-x22-(TC)3-x28-(AGA)5-x8-(A)7	1625	1722
4	(ATA)3-x11-(T)7-x20-(A)6	2950	3003
5	(T)6-x23-(AT)3	3089	3123
6	(CA)3-x11-(GCT)3	3432	3457
7	(AC)3-x23-(TTTCA)3	3527	3571
8	(T)6-x17-(A)6	4263	4291
9	(TC)3-x13-(T)13-x28-(TCA)4-x19-(CTT)4-x26-(CAAAA)3	4355	4498

BM68 dMax50 Total No. of Microsatellites found : 46

Total No. of Compound Microsatellites found : 11

No.	Compound SSR	Start	End
1	(TA)4-x3-(A)7	93	110
2	(TGC)4-x9-(TTA)4	1063	1095
3	(CTT)4-x22-(TC)3-x28-(AGA)5-x8-(A)7	1625	1722
4	(AG)3-x43-(T)7	2092	2147
5	(ATA)3-x11-(T)7-x20-(A)6	2950	3003
6	(T)6-x23-(AT)3	3089	3123
7	(CA)3-x11-(GCT)3	3432	3457
8	(AC)3-x23-(TTTCA)3	3527	3571
9	(CA)3-x47-(CTTG)3	3921	3984
10	(T)6-x17-(A)6	4263	4291
11	(TC)3-x13-(T)13-x28-(TCA)4-x19-(CTT)4-x26-(CAAAA)3	4355	4498

BM69

BM69 dMax10 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)7	102	115

	2	(TA)3-x4-(AT)3	3939	3954
	3	(T)6-x5-(GATT)3	4120	4142

BM69 dMax20 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)7	102	115
2	(T)6-x17-(T)6	2960	2988
3	(TA)3-x4-(AT)3	3939	3954
4	(T)6-x5-(GATT)3	4120	4142
5	(TA)3-x18-(T)6	4875	4904

BM69 dMax30 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)7	102	115
2	(ATC)3-x21-(TTC)3	2719	2757
3	(T)6-x17-(T)6	2960	2988
4	(T)7-x28-(ATT)4	3626	3671
5	(CA)3-x27-(TA)3-x4-(AT)3	3906	3954
6	(T)6-x5-(GATT)3	4120	4142
7	(TA)3-x18-(T)6	4875	4904

BM69 dMax40 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)7	102	115
2	(ATC)3-x21-(TTC)3	2719	2757
3	(T)6-x17-(T)6	2960	2988
4	(T)7-x28-(ATT)4-x33-(T)6	3626	3710
5	(CA)3-x27-(TA)3-x4-(AT)3	3906	3954
6	(T)6-x5-(GATT)3	4120	4142
7	(TA)3-x18-(T)6	4875	4904

BM69 dMax50 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(CCT)4-x47-(TA)3-x1-(A)7	43	115
2	(A)7-x44-(A)7	1557	1614
3	(ATC)3-x21-(TTC)3	2719	2757
4	(T)6-x17-(T)6	2960	2988
5	(T)7-x28-(ATT)4-x33-(T)6	3626	3710
6	(CAT)4-x47-(T)8	3777	3842
7	(CA)3-x27-(TA)3-x4-(AT)3	3906	3954
8	(T)6-x5-(GATT)3	4120	4142
9	(T)6-x49-(T)6	4265	4325
10	(TA)3-x18-(T)6	4875	4904

BM70

BM70 dMax10 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End

	1	(CT)3-x3-(TCC)3	675	693
	2	(T)6-x0-(ATT)4	2769	2785
	3	(TG)3-x6-(TG)3	2840	2857
	4	(AG)3-x3-(AT)3	3073	3087
	5	(T)7-x8-(CT)3	3818	3838

BM70 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)7-x19-(A)7	73	105
2	(CT)3-x3-(TCC)3	675	693
3	(T)6-x0-(ATT)4	2769	2785
4	(TG)3-x6-(TG)3	2840	2857
5	(AG)3-x3-(AT)3	3073	3087
6	(T)7-x8-(CT)3	3818	3838

BM70 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)6-x26-(GCT)4-x27-(A)7-x19-(A)7	2	105
2	(CT)3-x3-(TCC)3	675	693
3	(T)6-x0-(ATT)4-x24-(A)6-x24-(TG)3-x6-(TG)3	2769	2857
4	(AG)3-x3-(AT)3	3073	3087
5	(T)7-x8-(CT)3	3818	3838

BM70 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(T)6-x26-(GCT)4-x27-(A)7-x19-(A)7	2	105
2	(CT)3-x3-(TCC)3	675	693
3	(AT)3-x38-(A)6	2314	2363
4	(T)6-x0-(ATT)4-x24-(A)6-x24-(TG)3-x6-(TG)3	2769	2857
5	(AG)3-x3-(AT)3	3073	3087
6	(T)7-x8-(CT)3	3818	3838

BM70 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(T)6-x26-(GCT)4-x27-(A)7-x19-(A)7	2	105
2	(CT)3-x3-(TCC)3	675	693
3	(GA)3-x46-(T)6	894	951
4	(AT)3-x38-(A)6	2314	2363
5	(T)6-x0-(ATT)4-x24-(A)6-x24-(TG)3-x6-(TG)3	2769	2857
6	(AG)3-x3-(AT)3	3073	3087
7	(T)7-x8-(CT)3-x44-(GT)3	3818	3888

BM71

BM71 dMax10 Total No. of Microsatellites found : 25

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TG)3-x7-(TTTG)3	1558	1582

BM71 dMax20 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TG)3-x7-(TTTG)3	1558	1582

BM71 dMax30 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TG)3-x7-(TTTG)3	1558	1582

BM71 dMax40 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(TG)3-x7-(TTTG)3	1558	1582

BM71 dMax50 Total No. of Microsatellites found : 25
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TC)3-x47-(A)6	105	163
2	(TG)3-x7-(TTTG)3	1558	1582

BM72

BM72 dMax10 Total No. of Microsatellites found : 31
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(A)8-x0-(GGA)4	125	144

BM72 dMax20 Total No. of Microsatellites found : 31
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)8-x0-(GGA)4	125	144
2	(AC)3-x18-(T)6	4618	4647

BM72 dMax30 Total No. of Microsatellites found : 31
Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)8-x0-(GGA)4	125	144
2	(GCA)3-x24-(T)7-x26-(T)7	2767	2840
3	(AC)3-x18-(T)6	4618	4647

BM72 dMax40 Total No. of Microsatellites found : 31
Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)8-x0-(GGA)4	125	144
2	(GCA)3-x24-(T)7-x26-(T)7	2767	2840
3	(T)6-x38-(T)6	3796	3845
4	(AC)3-x18-(T)6	4618	4647

BM72 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TC)3-x48-(A)8-x0-(GGA)4	71	144
2	(GCA)3-x24-(T)7-x26-(T)7	2767	2840
3	(T)6-x45-(CT)3-x46-(T)6-x38-(T)6-x45-(A)6	3693	3896
4	(AC)3-x18-(T)6	4618	4647

BM73

BM73 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)6	112	124
2	(A)6-x0-(GT)3	1416	1427
3	(AT)6-x-1-(T)6	4611	4626

BM73 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)6	112	124
2	(T)7-x12-(GAA)4	1312	1342
3	(A)6-x0-(GT)3	1416	1427
4	(T)7-x10-(T)7	2961	2984
5	(AT)6-x-1-(T)6	4611	4626

BM73 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)6	112	124
2	(T)6-x20-(TA)3	1188	1219
3	(T)7-x12-(GAA)4	1312	1342
4	(A)6-x0-(GT)3	1416	1427
5	(T)7-x10-(T)7	2961	2984
6	(AT)6-x-1-(T)6	4611	4626

BM73 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)6	112	124
2	(CTT)4-x36-(TA)3	612	665
3	(T)6-x20-(TA)3	1188	1219
4	(T)7-x12-(GAA)4	1312	1342
5	(A)6-x0-(GT)3	1416	1427
6	(T)7-x10-(T)7	2961	2984
7	(AT)3-x34-(T)6	3353	3398
8	(A)7-x30-(AGCA)3-x36-(A)7	4340	4432
9	(AT)6-x-1-(T)6	4611	4626

BM73 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End

1	(TA)3-x1-(A)6	112	124
2	(CTT)4-x36-(TA)3	612	665
3	(T)6-x20-(TA)3	1188	1219
4	(T)7-x12-(GAA)4	1312	1342
5	(A)6-x0-(GT)3	1416	1427
6	(T)7-x10-(T)7	2961	2984
7	(AT)3-x34-(T)6	3353	3398
8	(A)7-x30-(AGCA)3-x36-(A)7	4340	4432
9	(AT)6-x-1-(T)6	4611	4626

BM74

BM74 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)6-x6-(TG)3	59	87

BM74 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)6-x6-(TG)3	59	87
2	(T)8-x14-(AC)3	2878	2905
3	(CT)3-x11-(AT)3	3509	3531
4	(T)6-x17-(TCA)3	4059	4090

BM74 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)6-x6-(TG)3	59	87
2	(T)8-x14-(AC)3	2878	2905
3	(T)6-x28-(ATT)4	3402	3446
4	(CT)3-x11-(AT)3	3509	3531
5	(T)6-x17-(TCA)3	4059	4090

BM74 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)6-x6-(TG)3	59	87
2	(T)8-x14-(AC)3	2878	2905
3	(T)6-x28-(ATT)4	3402	3446
4	(CT)3-x11-(AT)3	3509	3531
5	(T)6-x17-(TCA)3	4059	4090
6	(T)7-x33-(AC)3	4366	4411

BM74 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)6-x6-(TG)3	59	87
2	(T)8-x14-(AC)3	2878	2905
3	(T)6-x28-(ATT)4	3402	3446
4	(CT)3-x11-(AT)3	3509	3531
5	(TA)3-x42-(A)6	3914	3967
6	(T)6-x17-(TCA)3	4059	4090
7	(T)7-x33-(AC)3	4366	4411

BM75

BM75 dMax10 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(AG)3-x5-(T)6	48	64

BM75 dMax20 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(AG)3-x5-(T)6	48	64
2	(C)6-x19-(GAT)3	793	828

BM75 dMax30 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(AG)3-x5-(T)6	48	64
2	(C)6-x19-(GAT)3	793	828

BM75 dMax40 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AG)3-x5-(T)6	48	64
2	(C)6-x19-(GAT)3	793	828
3	(GCT)4-x35-(AGC)4	1124	1182

BM75 dMax50 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AG)3-x5-(T)6	48	64
2	(A)6-x48-(AT)3	121	180
3	(C)6-x19-(GAT)3	793	828
4	(GCT)4-x35-(AGC)4	1124	1182

BM76

BM76 dMax10 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 0

BM76 dMax20 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 0

BM76 dMax30 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 0

BM76 dMax40 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	End	Start
1	(GT)3-x38-(C)6	2915	2866
2	(AT)3-x39-(AT)3	3651	3601

BM76 dMax50 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	End	Start
1	(A)7-x47-(C)6	2103	2044
2	(GT)3-x38-(C)6	2915	2866
3	(AT)3-x39-(AT)3	3651	3601

BM77

BM77 dMax10 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(C)6-x1-(A)6	2027	2039

BM77 dMax20 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(C)6-x15-(GT)3	389	415
2	(C)6-x1-(A)6	2027	2039

BM77 dMax30 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(C)6-x15-(GT)3	389	415
2	(C)6-x26-(C)6	609	646
3	(C)6-x1-(A)6	2027	2039

BM77 dMax40 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(C)6-x15-(GT)3	389	415
2	(C)6-x26-(C)6	609	646
3	(C)6-x1-(A)6	2027	2039

BM77 dMax50 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(C)6-x15-(GT)3	389	415
2	(C)6-x26-(C)6	609	646
3	(C)6-x1-(A)6	2027	2039

BM78

BM78 dMax10 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End

	1	(AT)3-x0-(TC)3	1334	1345
	2	(TA)3-x8-(AGC)3	2593	2615
	3	(A)7-x6-(C)6	4293	4311

BM78 dMax20 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AT)3-x0-(TC)3	1334	1345
2	(TA)3-x8-(AGC)3	2593	2615
3	(A)7-x6-(C)6	4293	4311

BM78 dMax30 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(AT)3-x0-(TC)3	1334	1345
2	(TA)3-x8-(AGC)3	2593	2615
3	(A)7-x6-(C)6	4293	4311

BM78 dMax40 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AT)3-x0-(TC)3	1334	1345
2	(TA)3-x8-(AGC)3	2593	2615
3	(T)6-x36-(T)6	4194	4241
4	(A)7-x6-(C)6	4293	4311

BM78 dMax50 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(AT)3-x0-(TC)3	1334	1345
2	(TA)3-x8-(AGC)3	2593	2615
3	(T)6-x36-(T)6	4194	4241
4	(A)7-x6-(C)6	4293	4311

BM79

BM79 dMax10 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TA)3-x0-(T)6	30	41
2	(CT)3-x2-(TA)3	1365	1378

BM79 dMax20 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(TA)3-x0-(T)6	30	41
2	(CT)3-x2-(TA)3	1365	1378
3	(GT)4-x14-(GT)3	3006	3033
4	(T)6-x10-(AC)3	4276	4297
5	(ATTA)3-x10-(T)6	5015	5042

BM79 dMax30 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TA)3-x0-(T)6	30	41
2	(CT)3-x2-(TA)3	1365	1378
3	(GT)4-x14-(GT)3	3006	3033
4	(TC)3-x29-(CAG)3	3586	3630
5	(T)6-x10-(AC)3-x20-(T)6	4276	4323
6	(ATTA)3-x10-(T)6	5015	5042

BM79 dMax40 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TA)3-x0-(T)6-x39-(AAGG)3	30	91
2	(CT)3-x2-(TA)3	1365	1378
3	(GT)4-x14-(GT)3	3006	3033
4	(TC)3-x29-(CAG)3	3586	3630
5	(T)6-x10-(AC)3-x20-(T)6	4276	4323
6	(ATTA)3-x10-(T)6	5015	5042

BM79 dMax50 Total No. of Microsatellites found : 33

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(TA)3-x0-(T)6-x39-(AAGG)3	30	91
2	(CT)3-x2-(TA)3-x44-(AT)3	1365	1428
3	(GT)4-x14-(GT)3	3006	3033
4	(TC)3-x29-(CAG)3	3586	3630
5	(T)6-x10-(AC)3-x20-(T)6	4276	4323
6	(ATTA)3-x10-(T)6	5015	5042

BM80

BM80 dMax10 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(A)6-x8-(A)6	2084	2103

BM80 dMax20 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(A)6-x8-(A)6	2084	2103

BM80 dMax30 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(ATA)3-x27-(AT)3	82	123
2	(A)6-x8-(A)6	2084	2103

BM80 dMax40 Total No. of Microsatellites found : 18

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x36-(ATA)3-x27-(AT)3	40	123
2	(A)6-x8-(A)6	2084	2103

BM80 dMax50 Total No. of Microsatellites found : 18
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)6-x36-(ATA)3-x27-(AT)3	40	123
2	(A)6-x8-(A)6	2084	2103

BM81

BM81 dMax10 Total No. of Microsatellites found : 20
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(C)6-x0-(GA)3	2498	2509
2	(TTC)5-x1-(CA)4	2850	2873

BM81 dMax20 Total No. of Microsatellites found : 20
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(C)6-x0-(GA)3	2498	2509
2	(TTC)5-x1-(CA)4	2850	2873

BM81 dMax30 Total No. of Microsatellites found : 20
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x20-(C)6-x0-(GA)3	2472	2509
2	(TTC)5-x1-(CA)4	2850	2873

BM81 dMax40 Total No. of Microsatellites found : 20
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x20-(C)6-x0-(GA)3	2472	2509
2	(TTC)5-x1-(CA)4	2850	2873

BM81 dMax50 Total No. of Microsatellites found : 20
Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)6-x20-(C)6-x0-(GA)3	2472	2509
2	(TTC)5-x1-(CA)4	2850	2873
3	(AT)3-x40-(G)6	3126	3177

BM82

BM82 dMax10 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 0

BM82 dMax20 Total No. of Microsatellites found : 21
Total No. of Compound Microsatellites found : 0

BM82 dMax30 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(ATA)3-x27-(AT)3	82	123

BM82 dMax40 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)6-x36-(ATA)3-x27-(AT)3	40	123
2	(G)6-x30-(CT)3	3558	3599
3	(AT)3-x32-(TC)3	3723	3766

BM82 dMax50 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)6-x36-(ATA)3-x27-(AT)3	40	123
2	(G)6-x30-(CT)3	3558	3599
3	(AT)3-x32-(TC)3	3723	3766

BM83

BM83 dMax10 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(GA)3-x5-(T)6	4725	4741
2	(AT)3-x6-(AT)3	5075	5092

BM83 dMax20 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(C)8-x10-(C)6	3123	3146
2	(GA)3-x5-(T)6	4725	4741
3	(AT)3-x6-(AT)3	5075	5092

BM83 dMax30 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)7-x27-(CA)3	40	79
2	(C)8-x10-(C)6	3123	3146
3	(GA)3-x5-(T)6	4725	4741
4	(AT)3-x6-(AT)3	5075	5092

BM83 dMax40 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)7-x27-(CA)3	40	79
2	(C)8-x10-(C)6	3123	3146
3	(TTC)3-x35-(T)7	4549	4599
4	(GA)3-x5-(T)6	4725	4741
5	(AT)3-x6-(AT)3	5075	5092

BM83 dMax50 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)7-x27-(CA)3	40	79
2	(C)8-x10-(C)6	3123	3146
3	(TTC)3-x35-(T)7	4549	4599
4	(GA)3-x5-(T)6	4725	4741
5	(AT)3-x6-(AT)3	5075	5092

BM84

BM84 dMax10 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)8	82	96
2	(TC)3-x7-(TC)3	128	146
3	(AT)3-x-1-(T)6	1012	1022
4	(C)7-x0-(A)6	1566	1578
5	(TAA)4-x0-(G)6	1613	1629
6	(TA)3-x1-(CAG)3	2333	2350
7	(TA)3-x6-(T)6-x5-(TA)3	4370	4398

BM84 dMax20 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)8	82	96
2	(TC)3-x7-(TC)3	128	146
3	(AT)3-x-1-(T)6	1012	1022
4	(C)6-x19-(AG)3	1292	1322
5	(C)7-x0-(A)6	1566	1578
6	(TAA)4-x0-(G)6	1613	1629
7	(TA)3-x1-(CAG)3	2333	2350
8	(TCT)3-x11-(A)7	3783	3812
9	(TA)3-x6-(T)6-x5-(TA)3	4370	4398

BM84 dMax30 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)8	82	96
2	(TC)3-x7-(TC)3	128	146
3	(AT)3-x-1-(T)6	1012	1022
4	(C)6-x19-(AG)3	1292	1322
5	(C)7-x0-(A)6	1566	1578
6	(TAA)4-x0-(G)6	1613	1629
7	(TA)3-x1-(CAG)3	2333	2350
8	(T)7-x29-(TA)3	2878	2919
9	(TCT)3-x11-(A)7	3783	3812
10	(TA)3-x6-(T)6-x5-(TA)3	4370	4398

BM84 dMax40 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)8-x31-(TC)3-x7-(TC)3	82	146

	2	(AT)3-x-1-(T)6	1012	1022
	3	(C)6-x19-(AG)3	1292	1322
	4	(C)7-x0-(A)6-x34-(TAA)4-x0-(G)6	1566	1629
	5	(TA)3-x1-(CAG)3	2333	2350
	6	(T)7-x29-(TA)3	2878	2919
	7	(TCT)3-x11-(A)7	3783	3812
	8	(TA)3-x6-(T)6-x5-(TA)3	4370	4398

BM84 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(TA)3-x1-(A)8-x31-(TC)3-x7-(TC)3	82	146
2	(AT)3-x-1-(T)6	1012	1022
3	(C)6-x19-(AG)3	1292	1322
4	(C)7-x0-(A)6-x34-(TAA)4-x0-(G)6	1566	1629
5	(TA)3-x1-(CAG)3	2333	2350
6	(T)7-x29-(TA)3	2878	2919
7	(TCT)3-x11-(A)7	3783	3812
8	(TA)3-x6-(T)6-x5-(TA)3	4370	4398

BM85

BM85 dMax10

Total No. of Microsatellites found : 56

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(C)6-x5-(T)29	766	805
2	(A)6-x4-(T)6	1007	1022
3	(TA)3-x7-(C)6	1583	1601
4	(AG)3-x5-(AG)3	2519	2535
5	(G)8-x8-(A)6	5466	5487
6	(CA)3-x6-(T)6	6524	6541
7	(CA)3-x4-(AATG)3	7048	7069

BM85 dMax20 Total No. of Microsatellites found : 56

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(C)6-x5-(T)29	766	805
2	(A)6-x4-(T)6	1007	1022
3	(TA)3-x7-(C)6	1583	1601
4	(AG)3-x5-(AG)3	2519	2535
5	(A)6-x14-(G)6	3358	3383
6	(G)8-x8-(A)6	5466	5487
7	(CA)3-x6-(T)6	6524	6541
8	(CA)3-x4-(AATG)3	7048	7069

BM85 dMax30 Total No. of Microsatellites found : 56

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(T)6-x24-(A)7	146	182
2	(C)6-x5-(T)29	766	805
3	(A)6-x4-(T)6	1007	1022
4	(TA)3-x7-(C)6	1583	1601
5	(AG)3-x5-(AG)3	2519	2535
6	(A)6-x14-(G)6	3358	3383
7	(AT)4-x29-(AT)8	4737	4788

8	(G)8-x8-(A)6	5466	5487
9	(CA)3-x6-(T)6	6524	6541
10	(CA)3-x4-(AATG)3	7048	7069

BM85 dMax40 Total No. of Microsatellites found : 56

Total No. of Compound Microsatellites found : 12

No.	Compound SSR	Start	End
1	(T)6-x24-(A)7	146	182
2	(C)6-x5-(T)29	766	805
3	(A)6-x4-(T)6	1007	1022
4	(A)6-x38-(TA)3-x7-(C)6	1539	1601
5	(AG)3-x5-(AG)3	2519	2535
6	(A)6-x14-(G)6	3358	3383
7	(AT)4-x29-(AT)8	4737	4788
8	(A)6-x38-(T)7	4919	4969
9	(G)8-x8-(A)6	5466	5487
10	(G)6-x30-(CT)3	5985	6026
11	(TC)3-x37-(CA)3-x6-(T)6	6481	6541
12	(CA)3-x4-(AATG)3	7048	7069

BM85 dMax50 Total No. of Microsatellites found : 56

Total No. of Compound Microsatellites found : 15

No.	Compound SSR	Start	End
1	(T)6-x24-(A)7	146	182
2	(C)6-x5-(T)29	766	805
3	(A)6-x4-(T)6	1007	1022
4	(A)6-x40-(T)12	1160	1217
5	(A)6-x38-(TA)3-x7-(C)6	1539	1601
6	(AG)3-x43-(CAA)4	2227	2287
7	(AG)3-x5-(AG)3	2519	2535
8	(TC)3-x40-(C)7	3220	3272
9	(A)6-x14-(G)6	3358	3383
10	(AT)4-x29-(AT)8	4737	4788
11	(A)7-x46-(A)6-x38-(T)7	4866	4969
12	(G)8-x8-(A)6	5466	5487
13	(G)6-x30-(CT)3	5985	6026
14	(TC)3-x37-(CA)3-x6-(T)6	6481	6541
15	(GTCC)3-x45-(CA)3-x4-(AATG)3	6992	7069

BM86

BM86 dMax10 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x1-(TA)4	47	62
2	(CA)3-x0-(AATT)3	3470	3486
3	(CTT)4-x-2-(T)8	4399	4415

BM86 dMax20 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x1-(TA)4	47	62
2	(CA)3-x0-(AATT)3	3470	3486
3	(CTT)4-x-2-(T)8	4399	4415

BM86 dMax30 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x1-(TA)4	47	62
2	(CA)3-x0-(AATT)3	3470	3486
3	(CTT)4-x-2-(T)8	4399	4415

BM86 dMax40 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(A)7-x1-(TA)4	47	62
2	(TTA)4-x31-(T)7-x30-(TA)3	3202	3287
3	(CA)3-x0-(AATT)3	3470	3486
4	(CTT)4-x-2-(T)8	4399	4415

BM86 dMax50 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)7-x1-(TA)4	47	62
2	(AT)3-x42-(AC)4	2923	2978
3	(TTA)4-x31-(T)7-x30-(TA)3	3202	3287
4	(CA)3-x0-(AATT)3	3470	3486
5	(CTT)4-x-2-(T)8	4399	4415

BM87

BM87 dMax10 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(GC)3-x9-(AT)3-x2-(A)6	40	68
2	(GAA)3-x7-(CAT)6	3700	3733

BM87 dMax20 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(GC)3-x9-(AT)3-x2-(A)6	40	68
2	(T)8-x19-(T)6	2413	2445
3	(GAA)3-x7-(CAT)6	3700	3733

BM87 dMax30 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(CCT)3-x20-(GC)3-x9-(AT)3-x2-(A)6	10	68
2	(T)8-x19-(T)6	2413	2445
3	(GAA)3-x7-(CAT)6	3700	3733

BM87 dMax40 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x20-(GC)3-x9-(AT)3-x2-(A)6	10	68

2	(A)7-x35-(GAA)4	897	951
3	(T)8-x19-(T)6	2413	2445
4	(GAA)3-x7-(CAT)6	3700	3733

BM87 dMax50 Total No. of Microsatellites found : 21

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x20-(GC)3-x9-(AT)3-x2-(A)6	10	68
2	(A)7-x35-(GAA)4	897	951
3	(T)8-x19-(T)6	2413	2445
4	(GAA)3-x7-(CAT)6	3700	3733

BM88

BM88 dMax10 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(T)9-x3-(T)10	3851	3872

BM88 dMax20 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)12-x13-(T)14	325	363
2	(T)7-x13-(T)10-x13-(T)10-x14-(T)11	561	638
3	(T)6-x15-(A)6	3642	3668
4	(T)9-x3-(T)10	3851	3872

BM88 dMax30 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)12-x13-(T)14	325	363
2	(T)7-x13-(T)10-x13-(T)10-x14-(T)11	561	638
3	(T)6-x15-(A)6-x23-(A)6	3642	3697
4	(A)17-x21-(T)9-x3-(T)10	3813	3872
5	(AG)3-x28-(GC)3	5445	5484

BM88 dMax40 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(T)10-x35-(T)12-x13-(T)14-x35-(T)12	280	410
2	(T)7-x13-(T)10-x13-(T)10-x14-(T)11	561	638
3	(T)6-x15-(A)6-x23-(A)6	3642	3697
4	(A)17-x21-(T)9-x3-(T)10	3813	3872
5	(AG)3-x28-(GC)3	5445	5484

BM88 dMax50 Total No. of Microsatellites found : 39

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(TA)3-x46-(A)6	45	102
2	(T)10-x35-(T)12-x13-(T)14-x35-(T)12	280	410
3	(T)7-x13-(T)10-x13-(T)10-x14-(T)11	561	638
4	(TC)3-x42-(T)6-x41-(ATGT)3	730	835

5	(CA)3-x44-(A)6-x40-(AG)6	1906	2012
6	(T)6-x15-(A)6-x23-(A)6	3642	3697
7	(A)17-x21-(T)9-x3-(T)10	3813	3872
8	(AG)3-x28-(GC)3	5445	5484

BM89

BM89 dMax10 Total No. of Microsatellites found : 34
Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(T)13-x4-(A)13	401	430
2	(T)7-x9-(T)6	2922	2943

BM89 dMax20 Total No. of Microsatellites found : 34
Total No. of Compound Microsatellites found : 5

RESULTS: 1 - 5

No.	Compound SSR	Start	End
1	(AAC)3-x14-(T)13-x4-(A)13	378	430
2	(A)7-x14-(T)6	1429	1455
3	(T)7-x9-(T)6	2922	2943
4	(T)7-x10-(TCA)3	3216	3242
5	(G)8-x15-(TCC)4	4229	4263

BM89 dMax30 Total No. of Microsatellites found : 34
Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CAGTG)3-x27-(A)6-x21-(T)7	11	86
2	(AAC)3-x14-(T)13-x4-(A)13	378	430
3	(A)7-x14-(T)6	1429	1455
4	(T)7-x9-(T)6	2922	2943
5	(T)7-x10-(TCA)3	3216	3242
6	(G)8-x15-(TCC)4	4229	4263

BM89 dMax40 Total No. of Microsatellites found : 34
Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CAGTG)3-x27-(A)6-x21-(T)7	11	86
2	(AAC)3-x14-(T)13-x4-(A)13	378	430
3	(A)7-x14-(T)6	1429	1455
4	(T)7-x9-(T)6	2922	2943
5	(T)7-x10-(TCA)3	3216	3242
6	(G)7-x35-(G)8-x15-(TCC)4	4187	4263

BM89 dMax50 Total No. of Microsatellites found : 34
Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CAGTG)3-x27-(A)6-x21-(T)7-x42-(A)10	11	138
2	(AAC)3-x14-(T)13-x4-(A)13	378	430
3	(A)7-x14-(T)6	1429	1455
4	(G)6-x47-(T)7-x9-(T)6	2869	2943
5	(T)7-x10-(TCA)3	3216	3242
6	(G)7-x35-(G)8-x15-(TCC)4	4187	4263

BM90

BM90 dMax10 Total No. of Microsatellites found : 32
Total No. of Compound Microsatellites found : 2

	No.	Compound SSR	Start	End
	1	(T)10-x4-(A)9-x0-(GAA)4	404	438
	2	(TC)3-x4-(AGA)4	994	1015

BM90 dMax20 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 5

	No.	Compound SSR	Start	End
	1	(AAC)4-x13-(T)10-x4-(A)9-x0-(GAA)4	379	438
	2	(TC)3-x4-(AGA)4	994	1015
	3	(A)7-x14-(T)6	1421	1447
	4	(TC)3-x12-(CT)3	3362	3385
	5	(G)8-x15-(TCC)4	4221	4255

BM90 dMax30 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

	No.	Compound SSR	Start	End
	1	(A)6-x21-(T)7	32	65
	2	(AAC)4-x13-(T)10-x4-(A)9-x0-(GAA)4	379	438
	3	(TC)3-x4-(AGA)4	994	1015
	4	(A)7-x14-(T)6	1421	1447
	5	(TC)3-x12-(CT)3	3362	3385
	6	(G)8-x15-(TCC)4	4221	4255

BM90 dMax40 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

	No.	Compound SSR	Start	End
	1	(A)6-x21-(T)7	32	65
	2	(AAC)4-x13-(T)10-x4-(A)9-x0-(GAA)4	379	438
	3	(CT)3-x36-(TC)3-x4-(AGA)4	952	1015
	4	(A)7-x14-(T)6	1421	1447
	5	(TC)3-x12-(CT)3	3362	3385
	6	(G)7-x35-(G)8-x15-(TCC)4	4179	4255

BM90 dMax50 Total No. of Microsatellites found : 32

Total No. of Compound Microsatellites found : 6

	No.	Compound SSR	Start	End
	1	(A)6-x21-(T)7-x42-(A)11	32	118
	2	(AAC)4-x13-(T)10-x4-(A)9-x0-(GAA)4	379	438
	3	(CT)3-x36-(TC)3-x4-(AGA)4	952	1015
	4	(A)7-x14-(T)6	1421	1447
	5	(TC)3-x12-(CT)3	3362	3385
	6	(G)7-x35-(G)8-x15-(TCC)4	4179	4255

BM91

BM91 dMax10 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 3

	No.	Compound SSR	Start	End
	1	(T)6-x8-(A)13	412	438
	2	(AATT)3-x2-(G)6	1536	1554
	3	(G)6-x0-(TAA)3	2869	2884

BM91 dMax20 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 4

	No.	Compound SSR	Start	End
	1	(T)6-x8-(A)13	412	438

	2	(A)7-x14-(T)6	1434	1460
	3	(AATT)3-x2-(G)6	1536	1554
	4	(G)6-x0-(TAA)3	2869	2884

BM91 dMax30 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 6

RESULTS: 1 - 6

No.	Compound SSR	Start	End
1	(TG)5-x29-(T)7	32	77
2	(T)6-x8-(A)13	412	438
3	(A)7-x14-(T)6	1434	1460
4	(AATT)3-x2-(G)6	1536	1554
5	(G)6-x0-(TAA)3	2869	2884
6	(TC)3-x23-(GGA)4	4337	4377

BM91 dMax40 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(TG)5-x29-(T)7	32	77
2	(T)6-x8-(A)13	412	438
3	(A)7-x14-(T)6	1434	1460
4	(AATT)3-x2-(G)6	1536	1554
5	(G)6-x0-(TAA)3	2869	2884
6	(TGC)3-x38-(AT)3	3160	3212
7	(TC)3-x23-(GGA)4-x38-(AGA)4	4337	4427

BM91 dMax50 Total No. of Microsatellites found : 29

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(TG)5-x29-(T)7-x42-(A)10	32	129
2	(T)6-x8-(A)13	412	438
3	(A)7-x14-(T)6	1434	1460
4	(AATT)3-x2-(G)6	1536	1554
5	(G)6-x0-(TAA)3	2869	2884
6	(TGC)3-x38-(AT)3	3160	3212
7	(T)7-x42-(TC)4	4066	4122
8	(TC)3-x23-(GGA)4-x38-(AGA)4	4337	4427

BM92

BM92 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(A)6-x3-(C)7-x4-(AAT)3	2323	2352
2	(T)6-x4-(CT)3	4940	4955

BM92 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(GC)3-x15-(GC)4	246	274
2	(A)6-x3-(C)7-x4-(AAT)3	2323	2352
3	(T)6-x4-(CT)3	4940	4955

BM92 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(GC)3-x15-(GC)4	246	274
2	(A)6-x3-(C)7-x4-(AAT)3	2323	2352
3	(T)6-x4-(CT)3	4940	4955

BM92 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(GC)3-x15-(GC)4	246	274
2	(A)6-x3-(C)7-x4-(AAT)3	2323	2352
3	(CAT)3-x34-(T)6-x4-(CT)3	4897	4955

BM92 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(GC)3-x15-(GC)4	246	274
2	(GT)3-x49-(G)7	1226	1287
3	(A)6-x3-(C)7-x4-(AAT)3	2323	2352
4	(CAT)3-x34-(T)6-x4-(CT)3	4897	4955

BM93

BM93 dMax10 Total No. of Microsatellites found : 23

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	55	70
2	(A)7-x4-(A)6	4188	4204

BM93 dMax20 Total No. of Microsatellites found : 23

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	55	70
2	(TTA)4-x13-(A)7-x4-(A)6	4163	4204

BM93 dMax30 Total No. of Microsatellites found : 23

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	55	70
2	(TTA)4-x13-(A)7-x4-(A)6	4163	4204

BM93 dMax40 Total No. of Microsatellites found : 23

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	55	70
2	(TTA)4-x13-(A)7-x4-(A)6	4163	4204

BM93 dMax50 Total No. of Microsatellites found : 23

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7-x43-(A)9	55	122
2	(TTA)4-x13-(A)7-x4-(A)6	4163	4204
3	(TC)3-x40-(AT)3	4463	4514
4	(AG)3-x47-(T)6	4580	4638

BM94

BM94 dMax10 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	56	71

BM94 dMax20 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 1

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	56	71

BM94 dMax30 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	56	71
2	(AT)3-x22-(ACC)4	2266	2304

BM94 dMax40 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7	56	71
2	(A)10-x31-(GTT)3	115	165
3	(AT)3-x22-(ACC)4	2266	2304
4	(TC)3-x38-(T)6	2761	2810

BM94 dMax50 Total No. of Microsatellites found : 26

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CCT)3-x-1-(T)7-x43-(A)10-x31-(GTT)3	56	165
2	(GA)3-x40-(GAG)3	1208	1262
3	(AT)3-x22-(ACC)4	2266	2304
4	(TC)3-x38-(T)6	2761	2810

BM95

BM95 dMax10 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)8	75	91
2	(T)8-x4-(G)6	1910	1927
3	(T)6-x-2-(TTGCTC)5-x-24-(TTGCTC)9-x-6-(TTC)3	2736	2806
4	(T)7-x9-(T)8	3166	3189
5	(T)9-x1-(T)6	4322	4337
6	(CA)3-x9-(TGCA)3	4734	4759

BM95 dMax20 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)8	75	91
2	(AGT)4-x15-(GT)3	592	623
3	(T)8-x4-(G)6	1910	1927

	4	(T)6-x-2-(TTGCTC)5-x-24-(TTGCTC)9-x-6-(TTC)3-x16-(T)6	2736	2828
	5	(T)7-x9-(T)8	3166	3189
	6	(CT)3-x15-(T)9-x1-(T)6	4301	4337
	7	(CA)3-x9-(TGCA)3	4734	4759

BM95 dMax30 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)8	75	91
2	(G)6-x21-(AGT)4-x15-(GT)3	565	623
3	(T)8-x4-(G)6	1910	1927
4	(T)6-x-2-(TTGCTC)5-x-24-(TTGCTC)9-x-6-(TTC)3-x16-(T)6	2736	2828
5	(T)7-x9-(T)8	3166	3189
6	(TA)5-x26-(T)7	4144	4186
7	(CT)3-x15-(T)9-x1-(T)6	4301	4337
8	(CA)3-x9-(TGCA)3	4734	4759

BM95 dMax40 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)8	75	91
2	(G)6-x21-(AGT)4-x15-(GT)3	565	623
3	(T)8-x4-(G)6	1910	1927
4	(T)6-x-2-(TTGCTC)5-x-24-(TTGCTC)9-x-6-(TTC)3-x16-(T)6	2736	2828
5	(T)7-x9-(T)8	3166	3189
6	(T)8-x33-(T)7	3673	3720
7	(TA)5-x26-(T)7	4144	4186
8	(CT)3-x15-(T)9-x1-(T)6	4301	4337
9	(CA)3-x9-(TGCA)3	4734	4759

BM95 dMax50 Total No. of Microsatellites found : 37

Total No. of Compound Microsatellites found : 9

No.	Compound SSR	Start	End
1	(AT)3-x3-(A)8	75	91
2	(G)6-x21-(AGT)4-x15-(GT)3	565	623
3	(T)8-x4-(G)6	1910	1927
4	(T)6-x-2-(TTGCTC)5-x-24-(TTGCTC)9-x-6-(TTC)3-x16-(T)6	2736	2828
5	(T)7-x9-(T)8	3166	3189
6	(T)8-x33-(T)7	3673	3720
7	(TA)5-x26-(T)7-x46-(A)6	4144	4238
8	(CT)3-x15-(T)9-x1-(T)6	4301	4337
9	(CA)3-x9-(TGCA)3	4734	4759

BM96

BM96 dMax10 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 2

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)9	113	129
2	(T)6-x9-(T)6	3163	3183

BM96 dMax20 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)9	113	129

	2	(T)6-x9-(T)6	3163	3183
	3	(G)7-x13-(T)6	4320	4345
	4	(TC)3-x17-(A)7	4734	4763

BM96 dMax30 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(TA)3-x2-(A)9	113	129
2	(T)6-x9-(T)6	3163	3183
3	(G)7-x13-(T)6	4320	4345
4	(TC)3-x17-(A)7	4734	4763

BM96 dMax40 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)6-x36-(TA)3-x2-(A)9	71	129
2	(T)6-x9-(T)6	3163	3183
3	(G)7-x13-(T)6	4320	4345
4	(TC)3-x17-(A)7	4734	4763

BM96 dMax50 Total No. of Microsatellites found : 24

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(T)6-x36-(TA)3-x2-(A)9	71	129
2	(T)6-x9-(T)6	3163	3183
3	(G)7-x13-(T)6	4320	4345
4	(TC)3-x17-(A)7	4734	4763

BM97

BM97 dMax10 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x5-(GC)3	75	92
2	(TCT)4-x2-(G)9-x6-(G)7	4228	4262
3	(CTT)3-x0-(GAG)4-x-1-(G)6	4400	4425

BM97 dMax20 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(A)7-x5-(GC)3	75	92
2	(TG)3-x10-(AC)3	208	229
3	(TCT)4-x2-(G)9-x6-(G)7-x16-(AGG)4-x12-(AGA)5	4228	4317
4	(CTT)3-x0-(GAG)4-x-1-(G)6	4400	4425
5	(A)7-x19-(T)6	4860	4891

BM97 dMax30 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)7-x5-(GC)3	75	92
2	(TG)3-x10-(AC)3-x24-(CT)3	208	259
3	(CA)3-x27-(AT)3	3302	3340
4	(TCT)4-x2-(G)9-x6-(G)7-x16-(AGG)4-x12-(AGA)5	4228	4317
5	(CTT)3-x0-(GAG)4-x-1-(G)6	4400	4425
6	(A)7-x19-(T)6	4860	4891

BM97 dMax40 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(A)7-x5-(GC)3	75	92
2	(TG)3-x10-(AC)3-x24-(CT)3	208	259
3	(CA)3-x27-(AT)3	3302	3340
4	(TCT)4-x2-(G)9-x6-(G)7-x16-(AGG)4-x12-(AGA)5	4228	4317
5	(CTT)3-x0-(GAG)4-x-1-(G)6	4400	4425
6	(AAT)4-x31-(A)7-x19-(T)6	4817	4891

BM97 dMax50 Total No. of Microsatellites found : 38

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(A)7-x5-(GC)3	75	92
2	(TG)3-x10-(AC)3-x24-(CT)3	208	259
3	(CT)3-x45-(T)7	528	585
4	(A)9-x47-(T)6	2589	2650
5	(CA)3-x27-(AT)3	3302	3340
6	(TCT)4-x2-(G)9-x6-(G)7-x16-(AGG)4-x12-(AGA)5	4228	4317
7	(CTT)3-x0-(GAG)4-x-1-(G)6	4400	4425
8	(AAT)4-x31-(A)7-x19-(T)6	4817	4891

BM98

BM98 dMax10 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(T)7-x4-(CTC)4	2757	2779
2	(T)6-x1-(T)7	4817	4830
3	(AGG)3-x4-(TC)3	5000	5019

BM98 dMax20 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GA)3-x18-(CAG)4	2300	2336
2	(T)7-x4-(CTC)4	2757	2779
3	(TTG)4-x12-(G)7	4350	4380
4	(CA)3-x13-(T)6-x1-(T)7	4798	4830
5	(AGG)3-x4-(TC)3	5000	5019

BM98 dMax30 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(GA)3-x18-(CAG)4	2300	2336
2	(T)7-x4-(CTC)4	2757	2779
3	(TTG)4-x12-(G)7	4350	4380
4	(CA)3-x13-(T)6-x1-(T)7	4798	4830
5	(AGG)3-x4-(TC)3	5000	5019

BM98 dMax40 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GA)3-x18-(CAG)4	2300	2336
2	(CCT)4-x38-(AG)3	2417	2472
3	(T)7-x4-(CTC)4	2757	2779
4	(TTG)4-x12-(G)7	4350	4380
5	(CA)3-x13-(T)6-x1-(T)7	4798	4830

	6	(AGG)3-x4-(TC)3	5000	5019

BM98 dMax50 Total No. of Microsatellites found : 31

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(GA)3-x18-(CAG)4	2300	2336
2	(CCT)4-x38-(AG)3	2417	2472
3	(T)7-x4-(CTC)4	2757	2779
4	(TTG)4-x12-(G)7	4350	4380
5	(CA)3-x13-(T)6-x1-(T)7	4798	4830
6	(AGG)3-x4-(TC)3	5000	5019

BM99

BM99 dMax10 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 0

BM99 dMax20 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(GT)3-x14-(T)6-x18-(GT)4	5	56
2	(T)10-x14-(T)8	968	999
3	(AGC)4-x11-(AG)3	4133	4160
4	(C)7-x15-(AGC)3	4278	4308

BM99 dMax30 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 7

No.	Compound SSR	Start	End
1	(GT)3-x14-(T)6-x18-(GT)4	5	56
2	(T)10-x14-(T)8	968	999
3	(AGC)4-x11-(AG)3	4133	4160
4	(C)7-x15-(AGC)3	4278	4308
5	(TC)3-x22-(GTC)4	4890	4929
6	(TG)3-x21-(G)7	5006	5039
7	(GACA)3-x25-(AGC)3	6277	6321

BM99 dMax40 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 8

No.	Compound SSR	Start	End
1	(GT)3-x14-(T)6-x18-(GT)4	5	56
2	(T)10-x14-(T)8	968	999
3	(AGC)4-x11-(AG)3	4133	4160
4	(C)7-x15-(AGC)3	4278	4308
5	(AT)7-x31-(A)6	4656	4705
6	(TC)3-x22-(GTC)4	4890	4929
7	(TG)3-x21-(G)7	5006	5039
8	(GACA)3-x25-(AGC)3	6277	6321

BM99 dMax50 Total No. of Microsatellites found : 45

Total No. of Compound Microsatellites found : 10

No.	Compound SSR	Start	End
1	(GT)3-x14-(T)6-x18-(GT)4	5	56
2	(T)10-x14-(T)8	968	999
3	(A)9-x48-(AC)3	1142	1204
4	(G)7-x41-(G)6	1866	1919

5	(AGC)4-x11-(AG)3		4133	4160
6	(C)7-x15-(AGC)3		4278	4308
7	(AT)7-x31-(A)6-x41-(T)7		4656	4753
8	(A)8-x46-(TC)3-x22-(GTC)4		4836	4929
9	(TG)3-x21-(G)7		5006	5039
10	(GACA)3-x25-(AGC)3		6277	6321

BM100

BM100 dMax10 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 3

No.	Compound SSR	Start	End
1	(A)7-x9-(A)9-x1-(TGACCT)3	3264	3307
2	(T)6-x8-(T)6	3337	3356
3	(CTC)3-x7-(CT)3	3607	3628

BM100 dMax20 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CA)3-x15-(GA)3	873	899
2	(A)7-x9-(A)9-x1-(TGACCT)3	3264	3307
3	(T)6-x8-(T)6	3337	3356
4	(CTC)3-x7-(CT)3	3607	3628

BM100 dMax30 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 4

No.	Compound SSR	Start	End
1	(CA)3-x15-(GA)3	873	899
2	(A)7-x9-(A)9-x1-(TGACCT)3-x29-(T)6-x8-(T)6	3264	3356
3	(CTC)3-x7-(CT)3	3607	3628
4	(CA)3-x28-(AG)3	4345	4384

BM100 dMax40 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 6

No.	Compound SSR	Start	End
1	(CA)3-x15-(GA)3	873	899
2	(GA)5-x39-(AT)3	1214	1269
3	(A)7-x9-(A)9-x1-(TGACCT)3-x29-(T)6-x8-(T)6	3264	3356
4	(A)6-x38-(A)6	3400	3449
5	(CTC)3-x7-(CT)3	3607	3628
6	(CA)3-x28-(AG)3	4345	4384

BM100 dMax50 Total No. of Microsatellites found : 27

Total No. of Compound Microsatellites found : 5

No.	Compound SSR	Start	End
1	(CA)3-x15-(GA)3	873	899
2	(GA)5-x39-(AT)3	1214	1269
3	(A)7-x9-(A)9-x1-(TGACCT)3-x29-(T)6-x8-(T)6-x43-(A)6-x38-(A)6	3264	3449
4	(CTC)3-x7-(CT)3	3607	3628
5	(CA)3-x28-(AG)3	4345	4384