

### Appendix 3 CpG probes localization

#### Appendix 3.1 – Single CpG probes localization for breast cancer.

cg	site
cg01913196	TSS200
cg02261899	TSS200
cg02814558	Body
cg02831668	TSS200
cg05031352	TSS200
cg14674582	5'UTR
cg15228617	Body
cg15590532	Body
cg15604615	TSS1500
cg17073891	TSS1500
cg22697187	TSS1500
cg23846114	5'UTR
cg25996557	Body
cg26288719	Body
cg26351479	TSS200
cg27189967	3'UTR
cg00794881	Body
cg01612158	1stExon
cg01925883	TSS1500
cg04024799	TSS200
cg04365202	Body
cg04868078	Body
cg05052324	TSS1500
cg05160181	Body
cg06100368	Body
cg06370771	Body
cg07163547	Body
cg08126203	Body
cg08128826	Body
cg08350288	Body
cg08610862	Body
cg08867825	Body
cg08883223	Body
cg10322419	TSS1500
cg11690979	Body
cg12444328	Body
cg13207345	Body
cg13380622	Body
cg15082028	Body
cg18268488	3'UTR
cg20742415	TSS1500
cg20743365	Body

cg20745419	Body
cg22790257	Body
cg23230830	1stExon
cg24158160	TSS1500
cg24393673	Body
cg00423153	TSS1500
cg03543319	Body
cg06092815	TSS200
cg07197831	3'UTR
cg09505145	Body
cg10959353	TSS200
cg12001304	Body
cg13022402	Body
cg13321077	Body
cg18147278	Body
cg19451845	TSS1500
cg22190437	Body
cg22400015	Body
cg22856114	TSS200
cg23214840	Body
cg03861633	5'UTR
cg04954680	TSS1500
cg05937737	5'UTR
cg07766263	5'UTR
cg07784084	5'UTR
cg08536961	TSS1500
cg09543255	5'UTR
cg11624728	TSS1500
cg12105691	Body
cg12416080	5'UTR
cg13696490	TSS1500
cg18404374	TSS1500
cg20542822	Body
cg21154627	5'UTR
cg24977541	TSS1500
cg10316270	TSS200
cg22785561	3'UTR
cg24394172	Body
cg25951981	TSS200
cg05787556	TSS1500
cg06410537	1stExon
cg07010687	Body
cg07336617	TSS1500
cg11625005	TSS1500
cg16304215	Body
cg18336674	TSS1500
cg22686881	Body

cg24881420	TSS1500
cg25720804	1stExon
cg25942450	TSS200
cg26517171	TSS1500
cg26517714	TSS200
cg26844246	TSS200
cg02748047	Body
cg02882755	1stExon
cg05816193	TSS200
cg07177174	TSS1500
cg09624858	Body
cg11975608	TSS200
cg12408601	TSS1500
cg12422154	TSS200
cg13932450	Body
cg14096229	Body
cg14652095	TSS200
cg14703002	TSS200
cg15585183	Body
cg15741433	TSS200
cg16960593	TSS200
cg17028067	5'UTR
cg17189167	TSS200
cg17446896	TSS1500
cg17651821	TSS1500
cg23829024	TSS200
cg24592546	Body
cg25391023	Body
cg27635394	1stExon
cg00017489	TSS1500
cg00176740	Body
cg00989961	3'UTR
cg01003961	Body
cg01181150	Body
cg01556466	Body
cg02846790	5'UTR
cg02926033	Body
cg03276000	Body
cg03532926	Body
cg04111071	TSS1500
cg04866380	TSS1500
cg05426601	TSS1500
cg05989672	Body
cg06389252	Body
cg06434470	Body
cg06896909	TSS1500
cg07467482	Body

cg08910550	Body
cg09134205	Body
cg09349530	TSS1500
cg10860802	Body
cg11300568	Body
cg11969108	Body
cg12140543	Body
cg13016237	Body
cg13989810	Body
cg14564076	Body
cg15154229	TSS1500
cg15615793	TSS1500
cg15618646	Body
cg15770754	Body
cg17006281	Body
cg17085688	Body
cg17985646	TSS200
cg18011916	TSS1500
cg18252309	TSS1500
cg18421840	5'UTR
cg19161124	TSS1500
cg19803052	TSS1500
cg20119106	Body
cg22460204	Body
cg22620221	TSS200
cg22679813	Body
cg23216015	TSS200
cg23348723	TSS1500
cg23950788	5'UTR
cg24073950	3'UTR
cg24311564	Body
cg24384519	Body
cg25195987	Body
cg26673012	TSS200
cg26738880	Body
cg07557260	TSS200
cg07696099	TSS200
cg11392848	Body
cg22304522	Body
cg24627900	TSS200
cg26332560	TSS200
cg26925231	Body
cg27051318	TSS200
cg12002589	Body
cg13492692	Body
cg13661323	Body
cg14093715	Body

cg14442421	TSS1500
cg00006081	Body
cg00802855	Body
cg01175020	Body
cg03269050	5'UTR
cg03711485	3'UTR
cg04553632	Body
cg06464008	5'UTR
cg07717704	Body
cg08741898	5'UTR
cg10315366	Body
cg13754259	Body
cg14270857	TSS1500
cg16448058	5'UTR
cg17498296	TSS200
cg17535691	5'UTR
cg20044918	Body
cg22886575	3'UTR
cg23154497	Body
cg24913868	3'UTR
cg02608452	5'UTR
cg03506489	TSS1500
cg04063166	5'UTR
cg04096767	Body
cg05222924	Body
cg05686467	TSS200
cg05756220	TSS200
cg06834698	TSS1500
cg06845853	Body
cg07504127	TSS1500
cg08490115	TSS200
cg08575722	Body
cg10244666	Body
cg10387551	TSS200
cg12747410	TSS1500
cg13161658	TSS1500
cg13540960	Body
cg13641903	Body
cg13671841	5'UTR
cg14393466	5'UTR
cg15044957	TSS200
cg15310492	TSS200
cg16092786	Body
cg16226642	TSS1500
cg17714025	TSS200
cg18142856	TSS200
cg22639011	5'UTR

cg22685409	TSS1500
cg23934819	TSS200
cg25072962	5'UTR
cg25094569	Body
cg25247290	Body
cg25503804	TSS1500
cg26985798	TSS200
cg00791406	5'UTR
cg02506908	TSS1500
cg06111374	5'UTR
cg16310003	TSS1500
cg17187764	TSS200
cg23019936	Body
cg26931862	1stExon
cg04341210	5'UTR
cg09975620	Body
cg10208367	5'UTR
cg11044716	5'UTR
cg15615022	TSS1500
cg17157462	5'UTR
cg18064631	Body
cg26299169	3'UTR
cg01747222	TSS200
cg02681442	TSS1500
cg02991338	TSS1500
cg04525757	TSS1500
cg05872306	1stExon
cg06501084	5'UTR
cg07489048	1stExon
cg08120263	TSS1500
cg09212014	TSS1500
cg10912240	TSS1500
cg16038120	TSS1500
cg17525102	TSS200
cg19714132	TSS1500
cg25078444	TSS1500
cg27006650	TSS1500
cg01041256	Body
cg03462380	5'UTR
cg07042729	Body
cg09171565	Body
cg09472467	Body
cg11473616	TSS200
cg20663376	5'UTR
cg23915487	Body
cg01479664	Body
cg01595325	Body

cg02390209	TSS1500
cg02732252	5'UTR
cg03226000	TSS200
cg03884018	Body
cg05916059	Body
cg06036912	TSS200
cg06383709	3'UTR
cg08133584	TSS1500
cg08699646	Body
cg08934846	TSS200
cg09321400	TSS200
cg16355550	Body
cg23235241	Body
cg26725397	Body
cg00574563	Body
cg01520122	TSS1500
cg06226384	TSS200
cg06490225	Body
cg08594218	3'UTR
cg09000583	3'UTR
cg11310812	Body
cg12131208	TSS200
cg12279877	TSS1500
cg12788108	TSS1500
cg13606025	TSS1500
cg14754787	Body
cg15291243	Body
cg16375358	TSS200
cg16557178	Body
cg19057986	3'UTR
cg20556988	1stExon
cg20950167	3'UTR
cg21865150	Body
cg22495124	1stExon
cg24833464	TSS200
cg00635343	Body
cg27189087	TSS1500
cg00149708	TSS1500
cg02363969	TSS1500
cg23658462	Body
cg25537669	Body
cg01454519	1stExon
cg10615414	TSS200
cg11800608	TSS1500
cg12451099	Body
cg12828073	TSS200
cg15698171	TSS1500

cg16772207	TSS200
cg21367256	TSS200
cg21977377	Body
cg22474464	Body
cg23856293	TSS1500
cg04046669	TSS1500
cg04561937	3'UTR

**Appendix 3.2 – Single CpG probes localization for colorectal cancer.**

cg	site
cg03244189	Body
cg11816202	TSS200
cg00484940	TSS1500
cg00735885	3'UTR
cg00993140	TSS1500
cg01560464	5'UTR
cg01718602	1stExon
cg02671603	TSS1500
cg02814558	Body
cg03073000	TSS1500
cg03121419	TSS1500
cg03802424	TSS200
cg05135828	5'UTR
cg08637905	TSS200
cg09610569	5'UTR
cg10078687	5'UTR
cg10288278	5'UTR
cg10474871	5'UTR
cg10721855	TSS1500
cg11322877	TSS1500
cg13663706	5'UTR
cg14752426	5'UTR
cg14924469	TSS200
cg14972889	TSS1500
cg15604615	TSS1500
cg16144072	TSS200
cg17571554	TSS200
cg17814335	5'UTR
cg18720642	1stExon
cg20950932	TSS1500
cg23297872	5'UTR
cg23690264	5'UTR
cg23709290	Body

cg25237542	5'UTR
cg25530944	TSS200
cg25691526	TSS200
cg25996557	Body
cg26499822	Body
cg00212521	Body
cg00310968	TSS200
cg00662647	Body
cg00945234	Body
cg00997798	Body
cg01535698	TSS200
cg01664666	5'UTR
cg01803258	Body
cg02079122	Body
cg02361557	5'UTR
cg02893231	5'UTR
cg03428399	Body
cg03520644	TSS1500
cg03537215	TSS1500
cg03903246	Body
cg03950120	Body
cg03989480	Body
cg04108939	Body
cg04505023	TSS1500
cg04886703	Body
cg04931216	Body
cg05658491	1stExon
cg05802545	Body
cg06203976	TSS1500
cg06400704	1stExon
cg07005523	5'UTR
cg07362328	Body
cg07369190	Body
cg07418387	Body
cg08104310	3'UTR
cg08260406	TSS200
cg08659667	TSS1500
cg08876441	TSS1500
cg09317884	Body
cg09792881	Body
cg09811123	Body
cg10092516	Body
cg10316490	5'UTR
cg10512745	Body
cg10775792	TSS200
cg10951619	TSS1500
cg11346522	TSS1500

cg12124386	5'UTR
cg12128340	Body
cg12428378	Body
cg12435551	Body
cg12756396	Body
cg13492364	Body
cg14009098	Body
cg15031661	1stExon
cg15392618	Body
cg15748490	TSS1500
cg16003790	5'UTR
cg16136098	5'UTR
cg16546432	Body
cg16732787	Body
cg16809460	Body
cg17012160	1stExon
cg17721710	1stExon
cg17739202	Body
cg17800654	5'UTR
cg19030579	5'UTR
cg19255241	TSS1500
cg19591056	TSS200
cg19719547	TSS200
cg19865770	TSS1500
cg19917714	TSS1500
cg20944283	3'UTR
cg21543102	5'UTR
cg21581821	5'UTR
cg22226821	Body
cg22506490	Body
cg22685369	TSS1500
cg23010538	TSS1500
cg23093692	Body
cg24312105	Body
cg24365464	TSS1500
cg24396691	1stExon
cg24643282	1stExon
cg24846807	Body
cg24933645	1stExon
cg25191628	Body
cg25208017	1stExon
cg25437385	1stExon
cg26070020	Body
cg26295681	Body
cg26913669	TSS1500
cg27223727	TSS200
cg27631593	3'UTR

cg00089091	Body
cg00445405	Body
cg00463767	Body
cg01089249	Body
cg01089319	Body
cg01789478	TSS200
cg01808545	TSS200
cg01821113	Body
cg02076785	5'UTR
cg02179341	5'UTR
cg02288301	TSS1500
cg02606423	Body
cg02723395	Body
cg02836529	5'UTR
cg03170056	TSS1500
cg03299042	3'UTR
cg03342543	Body
cg03512250	Body
cg03655683	Body
cg03991534	Body
cg04276301	5'UTR
cg04530015	3'UTR
cg04654530	Body
cg04774103	Body
cg05502445	Body
cg06008912	TSS200
cg06504205	Body
cg06523618	Body
cg07412254	Body
cg07502050	Body
cg07609206	Body
cg07652786	Body
cg07781364	Body
cg07934818	Body
cg07938743	3'UTR
cg07974511	Body
cg08000644	5'UTR
cg08211895	Body
cg08473330	Body
cg08863440	Body
cg09044294	Body
cg09271709	Body
cg09942248	TSS1500
cg10034890	Body
cg10122865	3'UTR
cg10735632	TSS1500
cg10859133	Body

cg10917619	5'UTR
cg11281641	5'UTR
cg11374596	Body
cg11970703	Body
cg12232463	Body
cg12738913	Body
cg12884814	Body
cg13502823	Body
cg13777681	Body
cg13996593	Body
cg14326644	Body
cg14538944	Body
cg14604681	Body
cg14635303	Body
cg15026634	5'UTR
cg15225844	5'UTR
cg15753746	Body
cg15765724	TSS1500
cg16699354	Body
cg16863522	3'UTR
cg18221862	1stExon
cg18388084	Body
cg18580232	Body
cg18807003	Body
cg18959161	5'UTR
cg19094243	Body
cg19370054	5'UTR
cg19761848	TSS200
cg19846314	Body
cg20270231	Body
cg20581321	5'UTR
cg20709008	TSS1500
cg20890989	Body
cg21426003	TSS200
cg21472506	3'UTR
cg21535772	Body
cg21550785	Body
cg22245446	Body
cg22359606	TSS200
cg22732253	Body
cg23229261	3'UTR
cg23260456	Body
cg24778248	5'UTR
cg25045746	5'UTR
cg25565504	Body
cg25622366	Body
cg26001902	TSS200

cg26501046	Body
cg26647242	Body
cg27209571	Body
cg27364741	Body
cg00493429	Body
cg01748263	TSS1500
cg03098937	5'UTR
cg04135498	Body
cg04240493	TSS1500
cg04945331	1stExon
cg05503824	TSS1500
cg05710753	TSS1500
cg06838365	5'UTR
cg08073312	TSS200
cg08827110	3'UTR
cg10359143	Body
cg10592710	TSS1500
cg10623221	5'UTR
cg10784511	5'UTR
cg12965599	TSS1500
cg13206017	TSS200
cg14841350	Body
cg16158843	TSS200
cg17623116	5'UTR
cg18423935	TSS1500
cg18458597	Body
cg19376823	Body
cg21120436	5'UTR
cg21154627	5'UTR
cg21457909	5'UTR
cg22082709	TSS200
cg22498996	TSS200
cg22885558	1stExon
cg23450509	TSS1500
cg24433477	Body
cg27326452	Body
cg27505273	TSS200
cg00463631	Body
cg00945238	TSS1500
cg00954382	TSS1500
cg01002253	TSS200
cg02562431	TSS200
cg02739437	TSS1500
cg04035209	TSS1500
cg04961466	TSS200
cg05401965	TSS1500
cg05718036	1stExon

cg06812991	TSS1500
cg07121547	TSS1500
cg07665387	TSS1500
cg07707546	TSS1500
cg07907386	Body
cg08684639	5'UTR
cg09221867	1stExon
cg10192893	Body
cg10196720	TSS1500
cg10524033	TSS200
cg12746059	TSS200
cg14146100	TSS1500
cg14811608	TSS200
cg15682575	Body
cg16909685	5'UTR
cg16974909	TSS200
cg17243896	TSS1500
cg18420965	Body
cg18443378	TSS200
cg18930994	TSS1500
cg20438306	3'UTR
cg20631104	TSS1500
cg21748223	TSS1500
cg22888418	TSS1500
cg24141863	TSS200
cg26165108	Body
cg26699569	1stExon
cg27600205	TSS200
cg00076307	TSS1500
cg02228160	Body
cg03513163	1stExon
cg04306063	Body
cg04621020	TSS200
cg04633600	TSS200
cg05005358	Body
cg05211662	TSS1500
cg06060135	Body
cg06480736	TSS200
cg06484432	Body
cg06700606	5'UTR
cg06912936	Body
cg07010687	Body
cg07877559	Body
cg07881405	Body
cg08701543	Body
cg09350274	TSS200
cg11267955	TSS200

cg12154976	5'UTR
cg12664940	TSS200
cg13660086	TSS200
cg14542334	Body
cg15951557	TSS200
cg16204420	Body
cg17782848	Body
cg17985972	Body
cg18442524	TSS200
cg19788741	TSS200
cg20103758	TSS1500
cg20417527	TSS1500
cg20475114	Body
cg21174746	Body
cg21225170	TSS200
cg21589375	TSS200
cg22149516	TSS200
cg23511432	TSS200
cg24114651	Body
cg25103492	TSS200
cg26513304	1stExon
cg00126498	Body
cg00270497	TSS200
cg00575005	TSS200
cg01189783	5'UTR
cg01584389	Body
cg01618102	Body
cg01763051	Body
cg01965173	TSS200
cg02362508	5'UTR
cg02561482	3'UTR
cg02748047	Body
cg03926852	Body
cg03932978	TSS1500
cg03991152	TSS200
cg04797846	Body
cg05437823	3'UTR
cg07103129	Body
cg07283833	Body
cg08154348	TSS200
cg09247060	Body
cg09409956	Body
cg10068034	Body
cg10259748	Body
cg11165765	Body
cg11660826	Body
cg12855851	TSS200

cg12936335	Body
cg12944573	TSS1500
cg12951348	Body
cg16045677	Body
cg16528511	TSS200
cg17606558	TSS1500
cg17853635	Body
cg19736503	Body
cg20133890	Body
cg20134215	5'UTR
cg20432960	Body
cg20737185	TSS200
cg22248052	Body
cg22410478	Body
cg23215729	TSS200
cg24366557	Body
cg24641186	Body
cg25115993	Body
cg25226247	TSS1500
cg25798600	1stExon
cg26015971	Body
cg27248571	Body
cg27260772	Body
cg00017489	TSS1500
cg00774005	Body
cg01050885	TSS1500
cg01176516	Body
cg01759597	Body
cg01933308	Body
cg02530022	Body
cg02990291	Body
cg03532926	Body
cg03542197	Body
cg04088697	Body
cg04372933	Body
cg04842426	5'UTR
cg05158615	TSS1500
cg05989672	Body
cg06128028	TSS200
cg06385227	Body
cg09070142	Body
cg09226786	Body
cg09388140	Body
cg11070059	Body
cg11113469	Body
cg12034383	TSS1500
cg12878228	TSS1500

cg13209441	Body
cg13388277	TSS1500
cg14289228	3'UTR
cg14386728	3'UTR
cg15199678	Body
cg16964348	TSS200
cg17173451	Body
cg17985646	TSS200
cg18106668	TSS1500
cg18421840	5'UTR
cg18568634	Body
cg18725544	Body
cg19630629	5'UTR
cg19690404	Body
cg19722748	Body
cg19752855	3'UTR
cg20189913	Body
cg20482223	Body
cg20587945	Body
cg20739526	Body
cg20947377	TSS1500
cg21051580	Body
cg21320123	Body
cg21497990	Body
cg21545390	Body
cg21769093	Body
cg21773142	Body
cg21945930	Body
cg22255773	Body
cg22490907	Body
cg22616881	Body
cg22733133	Body
cg23426473	Body
cg23757489	TSS1500
cg23886662	5'UTR
cg24061141	TSS200
cg24242823	TSS200
cg24384519	Body
cg24529280	Body
cg24885417	TSS200
cg25234732	1stExon
cg25481253	1stExon
cg25523580	TSS1500
cg25797887	Body
cg25819602	Body
cg25825506	Body
cg25930591	Body

cg26075150	TSS1500
cg26170604	Body
cg26251506	Body
cg26673012	TSS200
cg01403246	1stExon
cg01566592	TSS200
cg02695780	1stExon
cg03350814	TSS1500
cg03520282	Body
cg03752965	Body
cg04046889	Body
cg05373457	5'UTR
cg05414135	Body
cg06010032	5'UTR
cg06668555	TSS200
cg07015195	Body
cg07349217	TSS1500
cg09388605	TSS1500
cg09442828	1stExon
cg11192975	1stExon
cg13387869	3'UTR
cg14070647	5'UTR
cg15821496	Body
cg16080876	1stExon
cg16896847	1stExon
cg18898125	TSS1500
cg20129213	TSS1500
cg20219381	Body
cg20976526	Body
cg23208513	TSS200
cg23294090	TSS1500
cg25188238	Body
cg26679047	Body
cg27475652	Body
cg01003815	Body
cg03264414	1stExon
cg04130427	Body
cg13226172	5'UTR
cg13578447	5'UTR
cg14170313	1stExon
cg14331104	Body
cg14338345	1stExon
cg14372265	3'UTR
cg14532484	3'UTR
cg17641904	1stExon
cg17711717	TSS1500
cg17909890	1stExon

cg24137660	TSS200
cg00132141	TSS1500
cg00824018	1stExon
cg01249544	Body
cg02392179	TSS1500
cg03023935	Body
cg04645545	Body
cg04670666	Body
cg04829946	TSS1500
cg06511917	Body
cg06710785	Body
cg06908778	Body
cg07020596	Body
cg08050235	TSS200
cg08404354	TSS1500
cg09795588	TSS1500
cg10315366	Body
cg10491556	1stExon
cg10648197	Body
cg10764388	TSS200
cg10778841	1stExon
cg10862354	Body
cg11438428	1stExon
cg12737536	TSS200
cg13557752	3'UTR
cg15475851	1stExon
cg16248277	TSS1500
cg16415058	1stExon
cg16584573	1stExon
cg17076890	TSS200
cg17519477	Body
cg17567560	TSS200
cg18499443	Body
cg18673954	TSS1500
cg18759960	1stExon
cg18833140	TSS1500
cg18920423	TSS200
cg18932798	1stExon
cg19428722	Body
cg19633231	Body
cg20014049	TSS200
cg20044918	Body
cg21384402	TSS1500
cg22746058	TSS1500
cg23003534	TSS200
cg23290556	5'UTR
cg23545828	3'UTR

cg23642747	TSS1500
cg24680586	TSS200
cg24767148	1stExon
cg24926711	Body
cg25684999	TSS1500
cg25912428	Body
cg00187686	TSS200
cg00332249	TSS1500
cg01068102	Body
cg01614101	Body
cg02853387	Body
cg03226737	TSS200
cg03928812	TSS1500
cg05188948	TSS200
cg05223210	Body
cg05758094	TSS1500
cg06678084	TSS1500
cg06735285	Body
cg08707110	Body
cg11198128	TSS200
cg11333886	TSS200
cg11697588	TSS1500
cg12020179	TSS200
cg12243453	TSS200
cg12982322	Body
cg13467162	TSS1500
cg13708218	TSS200
cg13857519	TSS1500
cg14326225	Body
cg15890274	TSS200
cg15957341	Body
cg16245265	TSS1500
cg16624692	TSS200
cg17053060	TSS200
cg17318632	TSS200
cg17603132	Body
cg17647537	Body
cg18560328	TSS200
cg19018097	TSS200
cg21283867	Body
cg21971621	TSS1500
cg22288982	5'UTR
cg22322158	TSS200
cg23851685	Body
cg24145235	3'UTR
cg24442913	TSS1500
cg24960947	5'UTR

cg25098208	TSS200
cg25616216	TSS1500
cg25782229	Body
cg26676559	TSS1500
cg00321288	TSS200
cg00596508	5'UTR
cg00995065	TSS1500
cg02397205	5'UTR
cg03020208	TSS1500
cg03064067	TSS1500
cg03609960	Body
cg03739409	Body
cg04878685	Body
cg05511530	5'UTR
cg08266366	TSS1500
cg08351163	Body
cg08832227	Body
cg08900101	Body
cg09184853	3'UTR
cg09233651	Body
cg11154829	Body
cg12974660	3'UTR
cg13128117	Body
cg13713537	Body
cg14243778	5'UTR
cg14510812	TSS200
cg14625113	5'UTR
cg14730445	1stExon
cg15542741	5'UTR
cg15819918	3'UTR
cg17222500	TSS200
cg18023283	TSS1500
cg18158990	Body
cg18232816	Body
cg19530293	3'UTR
cg20472643	Body
cg22669120	3'UTR
cg22827685	5'UTR
cg24891312	TSS1500
cg25399352	Body
cg26300652	TSS1500
cg26328335	TSS1500
cg27195326	5'UTR
cg27315191	TSS1500
cg00287312	1stExon
cg01382137	TSS1500
cg02208270	Body

cg02645340	Body
cg03315215	TSS200
cg04341210	5'UTR
cg04678336	Body
cg05927742	TSS200
cg06114087	TSS1500
cg07911080	Body
cg08567279	Body
cg09557313	Body
cg09781827	Body
cg09805172	Body
cg09813525	1stExon
cg10402103	TSS200
cg10484958	TSS1500
cg11044716	5'UTR
cg12545687	TSS1500
cg12568898	TSS1500
cg13156931	Body
cg14171414	1stExon
cg14950829	Body
cg14975160	5'UTR
cg16027761	TSS200
cg16105906	TSS200
cg17535595	TSS200
cg17632299	Body
cg18002116	Body
cg19437258	TSS200
cg19712603	TSS200
cg19801062	TSS200
cg22763718	TSS200
cg23003720	TSS200
cg23558002	Body
cg23710498	TSS200
cg24560494	TSS1500
cg25217100	5'UTR
cg25600049	Body
cg01201932	TSS1500
cg07150062	TSS200
cg10397765	Body
cg10761315	TSS200
cg20481032	Body
cg20965743	Body
cg00317577	Body
cg01645753	TSS200
cg01776825	Body
cg04779631	TSS200
cg07769790	TSS1500

cg08688548	TSS1500
cg09400152	Body
cg13177758	TSS200
cg14403327	Body
cg15281774	TSS1500
cg16043144	Body
cg16495212	TSS1500
cg17133183	Body
cg18548950	Body
cg21060736	Body
cg23337754	Body
cg23719157	TSS1500
cg24130287	Body
cg24319381	TSS200
cg26215967	TSS200
cg26556895	TSS200
cg26565719	Body
cg27578811	Body
cg00163702	TSS1500
cg00452252	3'UTR
cg00518386	TSS1500
cg00887153	TSS1500
cg01162507	3'UTR
cg01558909	TSS200
cg01901262	Body
cg03406106	TSS200
cg04450501	Body
cg05535113	TSS1500
cg06299307	Body
cg07452217	3'UTR
cg07561162	Body
cg09492451	Body
cg10206931	Body
cg10251217	TSS1500
cg27420415	Body
cg06378617	TSS1500
cg06598197	Body
cg07945335	TSS200
cg09053366	Body
cg11843728	Body
cg14328457	Body
cg16375358	TSS200
cg19057309	TSS200
cg20555674	Body
cg24833464	TSS200
cg07824824	Body
cg14462017	Body

cg16270399	Body
cg16489926	TSS200
cg16902385	TSS200
cg19835595	3'UTR
cg21354912	3'UTR
cg25538883	Body
cg26946769	5'UTR
cg00086346	Body
cg01485075	5'UTR
cg03567151	TSS1500
cg05241461	TSS200
cg06244906	Body
cg06912272	3'UTR
cg08181476	TSS200
cg08271804	TSS1500
cg08393317	Body
cg14075424	1stExon
cg14316898	TSS200
cg18365865	5'UTR
cg18599790	5'UTR
cg18838701	Body
cg22090773	TSS200
cg23217946	TSS200
cg24889512	TSS200
cg25033144	Body
cg25415246	Body
cg25971548	1stExon
cg26717554	Body
cg00169792	Body
cg01743841	1stExon
cg01815529	TSS1500
cg04649215	Body
cg06695115	3'UTR
cg07895504	Body
cg14743710	Body
cg16162122	Body
cg16822191	Body
cg17503085	Body
cg20752831	3'UTR
cg21501724	5'UTR
cg22368204	Body
cg22509138	Body
cg22586405	Body
cg25128583	TSS1500
cg00618450	Body
cg00949386	Body
cg01245880	Body

cg03386971	Body
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**Appendix 3.3 - Single CpG probes localization for head and neck cancer.**

cg	site
cg05954446	Body
cg00735885	3'UTR
cg19112977	Body
cg04510788	Body
cg05387519	TSS200
cg06661450	Body
cg13272644	Body
cg13394110	1stExon
cg16149574	Body
cg16260421	Body
cg16515477	Body
cg21834207	TSS1500
cg24846807	Body
cg26070020	Body
cg00089091	Body
cg00778995	TSS1500
cg01622385	Body
cg01878345	TSS200
cg01898698	1stExon
cg02583418	1stExon
cg04315554	Body
cg05311412	TSS200
cg05506365	1stExon
cg05667379	Body
cg07203423	Body
cg07524679	Body
cg07802350	TSS1500
cg07990546	1stExon
cg09297288	Body
cg09681167	TSS1500
cg10010103	Body
cg10418524	TSS1500
cg11355135	TSS200
cg12573849	TSS1500
cg15594205	TSS1500
cg16767916	1stExon
cg17078686	TSS200
cg17495130	3'UTR

cg18771173	TSS200
cg19513834	TSS1500
cg19656282	Body
cg19714279	TSS1500
cg20291049	1stExon
cg21048930	Body
cg21185289	3'UTR
cg22670147	Body
cg23291301	1stExon
cg24472231	1stExon
cg26001902	TSS200
cg00466268	TSS200
cg00665492	TSS200
cg01882260	5'UTR
cg04023483	Body
cg04386206	5'UTR
cg04481181	TSS1500
cg05663573	5'UTR
cg05937737	5'UTR
cg07766263	5'UTR
cg07784084	5'UTR
cg09543255	5'UTR
cg11410023	1stExon
cg11624728	TSS1500
cg12416080	5'UTR
cg15056773	Body
cg15593298	1stExon
cg16415870	Body
cg19139832	5'UTR
cg19385628	Body
cg20936920	3'UTR
cg21154627	5'UTR
cg22126211	TSS200
cg23430388	Body
cg23951190	Body
cg24977541	TSS1500
cg01002253	TSS200
cg01942962	Body
cg02621694	TSS1500
cg04008252	1stExon
cg04077800	5'UTR
cg09102610	Body
cg16001323	3'UTR
cg20631104	TSS1500
cg20646280	1stExon

cg21945989	1stExon
cg22520372	Body
cg22785561	3'UTR
cg24394172	Body
cg25209672	Body
cg26522340	5'UTR
cg02598319	Body
cg03827337	TSS1500
cg04259977	TSS1500
cg05539745	TSS1500
cg06498267	1stExon
cg15175266	TSS1500
cg17210837	3'UTR
cg17505819	Body
cg18273840	Body
cg23317501	Body
cg06834689	Body
cg07369569	TSS1500
cg11009001	Body
cg13279700	Body
cg14612870	Body
cg18950108	Body
cg20535254	Body
cg25724842	Body
cg01022087	Body
cg03465157	Body
cg12614105	5'UTR
cg01245966	TSS1500
cg02071162	TSS1500
cg02842496	TSS1500
cg03701341	Body
cg06757810	TSS1500
cg07076175	TSS200
cg07312654	TSS1500
cg07557260	TSS200
cg08274073	Body
cg08333835	Body
cg10094616	TSS200
cg10819004	Body
cg16696270	TSS200
cg22060073	TSS200
cg22762091	TSS200
cg26035689	Body
cg26332560	TSS200
cg26351229	TSS1500

cg26978976	Body
cg11027140	TSS1500
cg14033273	Body
cg21171320	Body
cg26164184	TSS1500
cg00263760	1stExon
cg01151966	TSS1500
cg02595832	1stExon
cg04529370	1stExon
cg05316043	TSS200
cg06106653	Body
cg06418867	Body
cg06579154	Body
cg07421032	TSS1500
cg07918545	1stExon
cg08325191	TSS1500
cg09935282	Body
cg10143067	Body
cg10401879	TSS1500
cg11360416	Body
cg11398452	Body
cg13929328	1stExon
cg14856914	3'UTR
cg17519477	Body
cg17689601	Body
cg17769229	Body
cg19876672	3'UTR
cg19884262	1stExon
cg21242918	Body
cg23962250	1stExon
cg24025893	TSS200
cg24566400	TSS1500
cg25147632	Body
cg25745697	Body
cg26115633	1stExon
cg26783057	3'UTR
cg26896918	Body
cg27533288	Body
cg13540960	Body
cg17381377	TSS200
cg18097532	TSS200
cg20073686	Body
cg22031964	Body
cg00003298	Body
cg00079219	Body

cg00721315	3'UTR
cg00796424	TSS1500
cg02227188	Body
cg05516489	Body
cg06162589	3'UTR
cg06563089	Body
cg08857479	3'UTR
cg10141715	1stExon
cg10223575	Body
cg10641615	Body
cg11213520	Body
cg11328436	Body
cg11586330	3'UTR
cg14215586	Body
cg14691529	Body
cg14730445	1stExon
cg15731655	Body
cg15990724	TSS1500
cg16006349	Body
cg17573720	Body
cg18040901	Body
cg18824990	Body
cg19969606	Body
cg21383810	TSS1500
cg22679316	3'UTR
cg24166864	TSS200
cg24500832	1stExon
cg25456468	1stExon
cg26397188	TSS200
cg03860037	Body
cg08379987	Body
cg09975620	Body
cg10679688	TSS1500
cg10782668	Body
cg11591636	TSS1500
cg12238015	Body
cg12815918	Body
cg24157814	Body
cg25578773	TSS1500
cg26299169	3'UTR
cg08217024	TSS1500
cg10982443	5'UTR
cg18856581	TSS1500
cg19635505	5'UTR
cg19672997	TSS1500

cg21575295	1stExon
cg00745725	TSS200
cg02069715	TSS1500
cg02281208	TSS1500
cg03024760	TSS1500
cg04139895	Body
cg05678749	Body
cg06530558	TSS1500
cg08182446	TSS1500
cg08445263	TSS200
cg09205438	3'UTR
cg11545923	Body
cg12431689	Body
cg21711132	TSS1500
cg27553667	TSS1500
cg03222834	Body
cg00458965	Body
cg07075026	Body
cg07103093	Body
cg12057127	3'UTR
cg14240300	TSS1500
cg16638385	Body
cg19760241	Body
cg23245942	3'UTR
cg25063515	Body
cg16043651	5'UTR
cg04354077	TSS200
cg08482501	Body
cg13672800	TSS1500
cg27114120	TSS1500
cg11701372	Body

**Appendix 3.4 – Single CpG probes localization for kidney<sub>R</sub> cancer.**

<b>cg</b>	<b>site</b>
cg00525383	TSS1500
cg05280762	Body
cg05375002	TSS1500
cg06915321	TSS200
cg14269301	Body
cg22934939	TSS200
cg24822127	TSS200

cg26582789	Body
cg00812246	1stExon
cg01394349	Body
cg01514538	Body
cg01525538	Body
cg01922613	Body
cg01942646	TSS200
cg02483661	3'UTR
cg03256938	Body
cg03761113	TSS200
cg03762549	Body
cg04233230	TSS1500
cg04484550	Body
cg04592706	1stExon
cg05295584	TSS200
cg06950942	Body
cg07045089	Body
cg08403419	TSS1500
cg08525145	TSS200
cg08823182	TSS1500
cg08867825	Body
cg09060908	Body
cg09074856	Body
cg09243900	TSS200
cg10055471	1stExon
cg11172423	1stExon
cg14021961	5'UTR
cg14666108	Body
cg15119640	Body
cg15819225	5'UTR
cg15896939	TSS200
cg16732787	Body
cg17140222	3'UTR
cg17163168	Body
cg17471939	Body
cg18185648	Body
cg19406511	Body
cg19808620	TSS1500
cg20971488	Body
cg21217846	TSS1500
cg21284779	TSS1500
cg22162435	Body
cg22383924	5'UTR
cg22863889	TSS1500
cg24393673	Body
cg24580782	1stExon
cg25214914	TSS1500

cg26055950	Body
cg01173650	Body
cg01189638	TSS1500
cg01942558	TSS200
cg06621027	Body
cg10332649	5'UTR
cg10821830	5'UTR
cg12221689	Body
cg16791528	TSS200
cg16863522	3'UTR
cg19303187	TSS1500
cg23111544	TSS200
cg24570211	Body
cg25649889	Body
cg00373436	Body
cg02786912	TSS1500
cg05937737	5'UTR
cg06178310	TSS200
cg07141504	TSS200
cg11984608	TSS1500
cg12982543	TSS1500
cg15066337	TSS200
cg18677603	TSS200
cg20928429	TSS1500
cg23075139	3'UTR
cg00689360	TSS200
cg00865429	Body
cg03095982	Body
cg03267220	Body
cg03415545	TSS200
cg07795964	3'UTR
cg10683527	TSS1500
cg12311175	Body
cg13929970	5'UTR
cg21504505	3'UTR
cg24215459	5'UTR
cg27080171	Body
cg05067125	5'UTR
cg08560074	TSS1500
cg09232937	TSS200
cg10958362	Body
cg11552829	TSS200
cg11625005	TSS1500
cg13629358	Body
cg16268165	Body
cg21870145	TSS1500
cg26511075	1stExon

cg00155310	3'UTR
cg05437823	3'UTR
cg06653004	TSS1500
cg09682183	Body
cg10896586	5'UTR
cg14470998	3'UTR
cg15638705	TSS1500
cg17153727	3'UTR
cg17684207	TSS1500
cg18258482	Body
cg20765441	TSS1500
cg21229979	TSS1500
cg21766898	3'UTR
cg24161652	3'UTR
cg24163360	TSS1500
cg25226247	TSS1500
cg26864905	TSS200
cg00355281	TSS200
cg01050885	TSS1500
cg01380946	Body
cg04350627	3'UTR
cg04697148	Body
cg05158615	TSS1500
cg07899060	Body
cg09486642	TSS1500
cg11475550	5'UTR
cg12614105	5'UTR
cg15929698	TSS200
cg16752583	TSS1500
cg16964348	TSS200
cg17616677	Body
cg18106668	TSS1500
cg21097881	5'UTR
cg22923895	Body
cg23657388	Body
cg24242823	TSS200
cg24245418	Body
cg24885417	TSS200
cg27109461	Body
cg27497928	3'UTR
cg00780520	Body
cg01519063	Body
cg01952226	Body
cg02100150	Body
cg03481855	Body
cg06986734	Body
cg07906724	TSS1500

cg09443388	Body
cg10864979	Body
cg10899768	Body
cg11945297	Body
cg15679829	Body
cg16231917	Body
cg16454426	TSS1500
cg18335796	Body
cg18565355	Body
cg27051318	TSS200
cg27655935	Body
cg14605590	Body
cg20610181	1stExon
cg02950892	TSS1500
cg03211864	Body
cg07798731	TSS1500
cg08642731	TSS200
cg10343327	TSS1500
cg12737536	TSS200
cg13271963	1stExon
cg20054157	TSS1500
cg22889914	TSS1500
cg01917716	5'UTR
cg02839195	5'UTR
cg04063166	5'UTR
cg04204669	TSS1500
cg05503887	TSS1500
cg08568550	TSS200
cg08759026	TSS200
cg13267718	TSS200
cg13439241	TSS200
cg13563074	TSS1500
cg13675753	TSS200
cg14022090	TSS1500
cg14481339	TSS200
cg15994604	Body
cg18414381	5'UTR
cg18560551	5'UTR
cg20363347	TSS200
cg22235258	Body
cg24935217	Body
cg25116503	TSS200
cg25503804	TSS1500
cg27056194	TSS200
cg27300950	TSS200
cg04538585	Body
cg06680065	Body

cg07269374	Body
cg15169829	TSS200
cg22669120	3'UTR
cg27261219	TSS200
cg01020475	Body
cg02570298	Body
cg05014103	TSS200
cg08119452	TSS1500
cg13614409	TSS200
cg15154339	Body
cg19432362	TSS1500
cg09842118	5'UTR
cg13540480	TSS1500
cg21126506	Body
cg06530558	TSS1500
cg07696006	TSS200
cg13065504	Body
cg16804165	Body
cg20678353	TSS1500
cg21962316	3'UTR
cg26350373	TSS200
cg27129048	Body
cg06186790	3'UTR
cg08390979	5'UTR
cg01708344	Body
cg04511534	Body
cg05897163	TSS1500
cg08842032	5'UTR
cg12691739	Body
cg14622443	TSS1500
cg16010178	5'UTR
cg16661744	Body
cg16963138	TSS1500
cg19760241	Body
cg24318032	TSS1500
cg25063515	Body
cg26629942	Body
cg25538883	Body
cg26946769	5'UTR
cg07638689	Body
cg09370594	5'UTR
cg10362335	5'UTR
cg19802477	TSS200
cg21869609	Body
cg02537838	TSS200
cg03359095	TSS1500
cg06154311	TSS200

cg08927738	TSS200
cg09662034	Body
cg13290149	TSS200
cg14845020	Body
cg14895298	TSS200
cg17565967	TSS200
cg17976205	TSS1500
cg18390495	Body
cg19862235	3'UTR
cg20485165	1stExon
cg20955836	Body
cg21422742	3'UTR
cg23682609	TSS200
cg03441713	TSS200
cg04052038	1stExon
cg06427867	TSS1500
cg06689180	5'UTR
cg10690747	TSS200
cg13578652	TSS200
cg19026320	TSS200
cg26405835	TSS1500
cg00458681	Body
cg04556646	Body
cg07167594	Body
cg10888337	Body
cg18507053	Body

**Appendix 3.5 – Single CpG probes localization for kidneyP cancer.**

cg	site
cg05530472	TSS1500
cg05954446	Body
cg09728865	5'UTR
cg17741448	TSS200
cg17972491	TSS1500
cg00254258	Body
cg00293644	TSS1500
cg00583535	TSS200
cg00965643	1stExon
cg01062116	3'UTR
cg01525538	Body
cg02067098	Body
cg03449456	Body
cg04134748	Body

cg04592706	1stExon
cg05374238	TSS200
cg05656251	Body
cg06060874	Body
cg07163547	Body
cg08622198	5'UTR
cg09990962	Body
cg10442735	Body
cg11157172	Body
cg11573219	TSS1500
cg14985891	Body
cg15357022	Body
cg15619820	Body
cg16348158	Body
cg16510654	TSS200
cg16694785	Body
cg16697620	Body
cg16732787	Body
cg18240463	Body
cg19233001	TSS200
cg19706803	Body
cg20971488	Body
cg21609526	Body
cg22162435	Body
cg22720392	Body
cg23050300	Body
cg24690588	TSS200
cg24873695	Body
cg00498289	1stExon
cg00768993	Body
cg02952295	Body
cg03388266	Body
cg03583016	TSS1500
cg04527918	TSS200
cg05113927	TSS200
cg05231308	TSS200
cg06451843	Body
cg06536868	5'UTR
cg06627354	Body
cg07444473	TSS1500
cg07913197	Body
cg08351100	TSS1500
cg09065714	TSS1500
cg09605636	Body
cg10168149	Body
cg13833437	TSS200
cg15981734	Body

cg16798252	Body
cg20442078	TSS1500
cg20723436	Body
cg21752601	TSS200
cg22129545	TSS200
cg23246703	Body
cg23688111	TSS200
cg24345062	Body
cg24688655	TSS1500
cg25052456	Body
cg25740565	Body
cg25883348	Body
cg26123256	Body
cg27109600	TSS1500
cg02097420	1stExon
cg07749074	TSS1500
cg10230442	TSS200
cg12456825	TSS200
cg12462883	TSS200
cg16789230	Body
cg19440734	TSS200
cg00061039	TSS200
cg00689360	TSS200
cg03415545	TSS200
cg05328761	TSS1500
cg08553601	Body
cg01804664	TSS200
cg03873049	Body
cg07493760	TSS200
cg25322094	Body
cg26717066	Body
cg00144673	Body
cg02053920	5'UTR
cg03316570	Body
cg04389897	3'UTR
cg10816760	Body
cg10938046	Body
cg12078738	TSS200
cg13178597	5'UTR
cg13808979	5'UTR
cg17598552	5'UTR
cg18120259	Body
cg22023826	Body
cg26433444	3'UTR
cg02511456	Body
cg08622757	Body
cg10273615	Body

cg14097304	Body
cg20688289	TSS200
cg27651243	Body
cg01519063	Body
cg02090805	Body
cg09080173	Body
cg09729274	Body
cg10126372	TSS1500
cg11769400	Body
cg11945297	Body
cg13492337	TSS200
cg14928319	3'UTR
cg15046062	1stExon
cg20480642	TSS200
cg22324567	Body
cg22653915	TSS200
cg24817216	Body
cg24946253	TSS200
cg14069088	Body
cg14635269	Body
cg02241986	TSS1500
cg07798731	TSS1500
cg11736657	TSS200
cg19765377	TSS1500
cg22619549	TSS200
cg22822446	Body
cg23318538	Body
cg24831879	TSS200
cg00061629	Body
cg07211140	Body
cg08787968	Body
cg10244666	Body
cg12651286	Body
cg12728032	TSS200
cg16146033	Body
cg16806210	1stExon
cg17486860	Body
cg22264616	3'UTR
cg22731981	TSS1500
cg23311800	TSS200
cg24286165	Body
cg26129339	TSS200
cg26848718	Body
cg00831237	TSS1500
cg09802818	TSS200
cg12650635	TSS200
cg12974660	3'UTR

cg15001406	Body
cg20600729	TSS200
cg26491818	Body
cg02017534	TSS200
cg08018585	TSS200
cg09075137	3'UTR
cg12979844	TSS200
cg14269973	TSS200
cg16019436	Body
cg20076468	Body
cg25658983	TSS200
cg26667946	TSS200
cg01853665	5'UTR
cg24222546	TSS1500
cg00339695	TSS200
cg03890691	TSS1500
cg04365980	Body
cg04562611	3'UTR
cg08382534	Body
cg00574563	Body
cg02633371	Body
cg04006839	1stExon
cg06166785	Body
cg06490225	Body
cg07472953	TSS1500
cg10974219	3'UTR
cg19760241	Body
cg21348173	5'UTR
cg03180302	1stExon
cg02147126	TSS200
cg02704949	5'UTR
cg08207466	Body
cg10752406	TSS200
cg14663914	TSS200
cg21304163	5'UTR
cg02537838	TSS200
cg03359095	TSS1500
cg06154311	TSS200
cg13290149	TSS200
cg17543539	Body
cg17565967	TSS200
cg17976205	TSS1500
cg01847344	Body
cg04052038	1stExon
cg04985582	TSS200
cg06689180	5'UTR
cg09179211	Body

cg19026320	TSS200
cg25937577	TSS200

**Appendix 3.6 - Single CpG probes localization for liver cancer.**

cg	site
cg07851521	TSS1500
cg00126657	TSS200
cg00290944	TSS200
cg00295573	TSS1500
cg00625743	TSS1500
cg00913945	3'UTR
cg01037726	Body
cg01545419	5'UTR
cg02026371	TSS1500
cg02504617	5'UTR
cg02830744	Body
cg03369828	5'UTR
cg03445896	Body
cg03693842	TSS1500
cg03793368	TSS1500
cg03928924	5'UTR
cg03931619	TSS200
cg04227026	1stExon
cg04279920	TSS200
cg04637490	TSS1500
cg04651193	TSS1500
cg05031352	TSS200
cg05047411	TSS200
cg05137662	3'UTR
cg05257372	Body
cg05260949	Body
cg05522559	TSS200
cg07274922	Body
cg07769622	TSS200
cg07882687	TSS200
cg08023692	1stExon
cg08264725	TSS200
cg08351598	TSS200
cg09929941	TSS200
cg10066681	TSS200
cg10172210	TSS1500
cg10721855	TSS1500
cg10733677	3'UTR

cg10739728	TSS200
cg10796634	TSS200
cg10941721	Body
cg11291200	TSS200
cg12032246	Body
cg12384303	TSS1500
cg13510648	5'UTR
cg13781096	TSS200
cg13939549	Body
cg14020146	TSS200
cg14095733	TSS200
cg14138275	TSS200
cg14381673	Body
cg14592807	Body
cg14814331	TSS1500
cg15167807	TSS200
cg15602735	TSS1500
cg16202017	TSS1500
cg16311072	Body
cg17593414	1stExon
cg17618474	TSS1500
cg19177332	TSS1500
cg19358195	TSS1500
cg19411919	TSS200
cg20333412	TSS200
cg21462299	TSS1500
cg21801984	TSS1500
cg21844331	TSS1500
cg22052586	TSS200
cg23300485	3'UTR
cg23877661	Body
cg24822127	TSS200
cg25368212	TSS1500
cg25447299	Body
cg25651984	TSS200
cg25831281	TSS200
cg25910622	Body
cg25950377	TSS200
cg25993152	TSS1500
cg26009591	TSS200
cg26197836	3'UTR
cg26465522	TSS200
cg26500539	TSS1500
cg27056972	TSS200
cg27124742	TSS200
cg00145969	Body
cg00665114	5'UTR

cg02049829	TSS200
cg02054457	5'UTR
cg02057755	3'UTR
cg02447488	TSS1500
cg02772379	Body
cg02901136	TSS1500
cg03104467	Body
cg03134083	5'UTR
cg03700143	3'UTR
cg04781796	Body
cg04923875	5'UTR
cg05118455	Body
cg05499890	TSS200
cg05921170	3'UTR
cg06121507	5'UTR
cg06527919	Body
cg07176609	5'UTR
cg07177437	Body
cg07204739	Body
cg07247409	Body
cg07416590	Body
cg07836152	Body
cg08651730	Body
cg08895932	5'UTR
cg09232269	Body
cg09468285	Body
cg09557387	TSS200
cg09586034	Body
cg09771429	TSS200
cg09822482	Body
cg10116904	Body
cg10376517	3'UTR
cg10776919	TSS1500
cg11176493	3'UTR
cg11346333	TSS1500
cg11388802	Body
cg11796258	Body
cg12629875	TSS200
cg12690148	TSS1500
cg12907876	TSS1500
cg13394110	1stExon
cg13444005	Body
cg13680200	Body
cg13935480	Body
cg14522944	3'UTR
cg14528916	Body
cg14966325	Body

cg14974223	Body
cg15730879	Body
cg15841063	1stExon
cg16011217	3'UTR
cg17142039	Body
cg17797848	Body
cg18161025	5'UTR
cg18279094	1stExon
cg18766795	3'UTR
cg19091116	Body
cg19161000	5'UTR
cg19765450	1stExon
cg19868751	Body
cg19911850	Body
cg20685897	Body
cg20699305	Body
cg21422740	Body
cg21934230	Body
cg22236143	Body
cg22359828	Body
cg22502715	TSS1500
cg22519189	Body
cg22815110	1stExon
cg23010538	TSS1500
cg23027521	TSS200
cg23097402	3'UTR
cg23592016	5'UTR
cg24041338	5'UTR
cg24158936	5'UTR
cg24338843	Body
cg24346637	1stExon
cg24364910	Body
cg24544431	TSS1500
cg24547253	3'UTR
cg24932457	5'UTR
cg25154424	Body
cg25272655	TSS1500
cg25794766	TSS200
cg26609236	TSS1500
cg26841013	3'UTR
cg26859841	Body
cg27315635	TSS1500
cg00207855	Body
cg00366850	3'UTR
cg00445405	Body
cg00579393	TSS1500
cg00611227	Body

cg00775863	Body
cg01156373	Body
cg01414185	Body
cg01648659	Body
cg02431964	Body
cg02466815	Body
cg03047616	Body
cg03655683	Body
cg03774724	Body
cg03774868	Body
cg04048705	Body
cg04276301	5'UTR
cg04315554	Body
cg04316624	Body
cg04654530	Body
cg04774103	Body
cg05099596	Body
cg05617002	Body
cg05669641	Body
cg05688136	Body
cg05844832	Body
cg06010711	Body
cg06065695	Body
cg06392126	Body
cg06707406	Body
cg06873461	Body
cg06968859	Body
cg07164606	TSS1500
cg07841014	5'UTR
cg07938743	3'UTR
cg07974511	Body
cg09044294	Body
cg09256281	Body
cg09599529	Body
cg09758842	Body
cg10010103	Body
cg10122865	3'UTR
cg10159630	3'UTR
cg10271192	5'UTR
cg10552189	Body
cg10640333	Body
cg10821830	5'UTR
cg10859133	Body
cg10881615	TSS1500
cg10986125	Body
cg11074070	Body
cg11222933	Body

cg11348701	Body
cg11430766	Body
cg11518826	Body
cg11761200	Body
cg11775579	Body
cg12393275	3'UTR
cg12517410	Body
cg13003527	Body
cg13026994	Body
cg13391675	Body
cg13687795	TSS1500
cg13996593	Body
cg14772660	Body
cg14931118	Body
cg15328241	Body
cg15603812	Body
cg15635483	Body
cg15726040	Body
cg15741855	TSS200
cg15963070	Body
cg16071125	Body
cg16101601	Body
cg16516973	Body
cg16576213	Body
cg16595607	5'UTR
cg16625916	Body
cg16863522	3'UTR
cg16980530	TSS1500
cg17327492	TSS1500
cg17346345	5'UTR
cg17733836	3'UTR
cg17875028	Body
cg18434354	TSS200
cg18562121	5'UTR
cg18580232	Body
cg18690705	Body
cg18959161	5'UTR
cg19508823	Body
cg19708432	Body
cg19927457	TSS1500
cg20318845	TSS1500
cg20546259	Body
cg20683151	1stExon
cg21406402	Body
cg21472506	3'UTR
cg21534317	Body
cg22008772	Body

cg22657351	Body
cg22732253	Body
cg22980483	Body
cg23151413	3'UTR
cg23176577	Body
cg23229261	3'UTR
cg23260456	Body
cg23601521	Body
cg23689428	TSS200
cg24622439	3'UTR
cg24887265	Body
cg25182501	Body
cg25300234	Body
cg25455659	3'UTR
cg25622366	Body
cg26391832	TSS1500
cg26842423	Body
cg26881899	Body
cg27209571	Body
cg27364741	Body
cg27456111	Body
cg00059161	Body
cg01138921	Body
cg01689354	5'UTR
cg01882260	5'UTR
cg02515739	Body
cg03520471	Body
cg04112471	5'UTR
cg04857792	5'UTR
cg05293820	5'UTR
cg05450193	Body
cg05994690	Body
cg06609843	Body
cg07130714	Body
cg07852840	Body
cg08104999	Body
cg08158518	3'UTR
cg08889347	Body
cg11726229	TSS1500
cg12338417	1stExon
cg13067649	Body
cg13468002	TSS200
cg13696545	Body
cg14321066	Body
cg14321918	Body
cg14720996	TSS1500
cg15922045	TSS1500

cg17936359	Body
cg17937340	Body
cg18104149	5'UTR
cg18159289	Body
cg18249634	Body
cg18504196	Body
cg18718692	Body
cg19795338	TSS1500
cg20383064	TSS1500
cg20692597	5'UTR
cg21787176	5'UTR
cg21924070	Body
cg22465341	TSS1500
cg22605924	Body
cg22799510	3'UTR
cg23054394	5'UTR
cg23339720	Body
cg24629438	Body
cg24637061	Body
cg25831075	TSS1500
cg27611699	Body
cg00235336	3'UTR
cg00330059	Body
cg00344380	TSS1500
cg00517849	Body
cg01182076	Body
cg01289782	Body
cg01829407	1stExon
cg01950474	1stExon
cg02215603	Body
cg02502025	Body
cg02781618	Body
cg03170472	Body
cg03242448	Body
cg04570669	Body
cg04973839	Body
cg05342469	Body
cg05690069	Body
cg06589421	3'UTR
cg07471018	TSS1500
cg08124867	TSS200
cg08182463	Body
cg08652808	1stExon
cg08760493	Body
cg08802511	TSS200
cg08810664	Body
cg09054951	Body

cg10226257	Body
cg10683527	TSS1500
cg10910685	TSS1500
cg10992201	Body
cg11574620	1stExon
cg11760342	Body
cg11778362	Body
cg12311175	Body
cg12693875	Body
cg12973941	1stExon
cg13131878	Body
cg13322601	Body
cg13547474	TSS200
cg14231974	Body
cg14349144	TSS1500
cg14981034	Body
cg15233428	TSS200
cg15452017	5'UTR
cg16508529	Body
cg16548818	Body
cg16793274	Body
cg17594004	Body
cg19111338	Body
cg19251291	Body
cg19667211	TSS1500
cg20073553	Body
cg21162304	TSS200
cg21208734	Body
cg21746339	Body
cg22097249	Body
cg22654504	Body
cg22778014	Body
cg22785561	3'UTR
cg22878084	Body
cg23344136	Body
cg23625823	Body
cg24657817	Body
cg24721899	Body
cg25311162	Body
cg25979373	1stExon
cg26126295	Body
cg26850677	Body
cg27661315	Body
cg00472281	Body
cg00502885	Body
cg00968538	Body
cg02037307	3'UTR

cg02153334	Body
cg02327812	Body
cg02580900	Body
cg03755794	TSS200
cg03807914	Body
cg03935379	Body
cg04019076	Body
cg04021502	Body
cg04135385	Body
cg04223420	3'UTR
cg04620298	5'UTR
cg05005358	Body
cg05171952	Body
cg05578840	Body
cg05964600	Body
cg06048662	Body
cg06556827	Body
cg06593603	Body
cg06942978	Body
cg07010687	Body
cg07011961	TSS200
cg07274716	3'UTR
cg07725033	TSS1500
cg08206318	3'UTR
cg08934976	Body
cg09166973	TSS200
cg09648809	Body
cg10158850	Body
cg10878976	Body
cg10979994	Body
cg11109621	3'UTR
cg11188031	TSS200
cg11543937	TSS200
cg11666857	Body
cg11832804	Body
cg11842953	Body
cg12559474	5'UTR
cg12673103	Body
cg12913512	Body
cg13715631	Body
cg13924604	Body
cg13949259	TSS1500
cg14517119	Body
cg14719865	1stExon
cg14837896	TSS1500
cg14958080	Body
cg14958947	Body

cg14979674	3'UTR
cg15339960	Body
cg15547734	Body
cg15927295	Body
cg16105591	5'UTR
cg16367697	Body
cg16574643	Body
cg16750953	Body
cg17249224	Body
cg17765437	Body
cg18606375	Body
cg19619756	Body
cg19837938	TSS1500
cg20475114	Body
cg20706711	Body
cg21150053	TSS1500
cg21515023	3'UTR
cg21612170	Body
cg21907107	Body
cg21935402	Body
cg22054885	TSS1500
cg22079902	TSS200
cg22512292	Body
cg22827250	3'UTR
cg23119827	Body
cg23260105	Body
cg24114651	Body
cg24131141	Body
cg24931138	Body
cg25472530	TSS200
cg25518571	Body
cg25582398	Body
cg26101428	TSS1500
cg26362078	5'UTR
cg26509691	3'UTR
cg26544752	Body
cg27619840	Body
cg00012148	TSS1500
cg00369202	3'UTR
cg00898486	Body
cg01081636	Body
cg01242196	3'UTR
cg01620077	TSS200
cg01669948	TSS1500
cg02134660	TSS1500
cg02882755	1stExon
cg02909890	Body

cg03513858	Body
cg03932978	TSS1500
cg04063348	TSS200
cg04926384	Body
cg05221720	Body
cg05897803	TSS200
cg07100700	Body
cg07369569	TSS1500
cg08599475	Body
cg08969344	Body
cg09106984	Body
cg09299388	TSS200
cg09657185	Body
cg09961397	Body
cg10083824	TSS1500
cg10816760	Body
cg11040394	Body
cg12013817	Body
cg12535476	Body
cg12553321	TSS200
cg13344206	Body
cg13585985	TSS200
cg14622659	Body
cg15217784	5'UTR
cg15309004	Body
cg15835058	Body
cg15884992	Body
cg15922705	Body
cg16480969	Body
cg17450585	Body
cg18403569	Body
cg19999705	Body
cg20640749	3'UTR
cg20682720	3'UTR
cg20772037	Body
cg21080533	TSS200
cg21295811	TSS200
cg21974580	5'UTR
cg22023826	Body
cg22165105	3'UTR
cg22827707	1stExon
cg23109018	TSS1500
cg23713090	Body
cg25988118	TSS1500
cg26424956	TSS200
cg27371466	Body
cg00096922	TSS200

cg00147248	5'UTR
cg00176740	Body
cg00400832	Body
cg00735923	TSS200
cg01003961	Body
cg01275685	Body
cg01289352	Body
cg01409460	Body
cg01448276	TSS1500
cg01545952	Body
cg01932197	Body
cg02113214	Body
cg02582587	Body
cg02786019	Body
cg03059575	3'UTR
cg03439587	Body
cg03794862	Body
cg04102854	Body
cg04205664	Body
cg04350627	3'UTR
cg04711063	Body
cg05058973	TSS1500
cg05490659	Body
cg05534676	Body
cg05632088	TSS200
cg05912481	Body
cg06112871	Body
cg06153883	5'UTR
cg06324957	Body
cg06389252	Body
cg06656105	Body
cg07449753	Body
cg07992659	Body
cg08035351	Body
cg08832906	1stExon
cg08835464	3'UTR
cg08962392	TSS200
cg09079168	Body
cg09299053	TSS200
cg09359114	Body
cg09361748	Body
cg09362722	5'UTR
cg09486642	TSS1500
cg09585906	5'UTR
cg09626894	TSS1500
cg09636715	Body
cg09816349	Body

cg10191891	TSS200
cg10243939	TSS1500
cg10276834	5'UTR
cg10318148	Body
cg10324703	Body
cg10598030	TSS200
cg11357940	Body
cg11554507	TSS200
cg11646259	Body
cg11891395	Body
cg11997899	TSS200
cg12056501	Body
cg12244288	Body
cg12678695	3'UTR
cg12781086	Body
cg13462129	Body
cg13570487	Body
cg14044640	TSS200
cg14188840	TSS1500
cg14267645	Body
cg14319135	TSS200
cg14519356	Body
cg14718379	Body
cg14944166	5'UTR
cg15020132	Body
cg15181905	Body
cg15190834	Body
cg15331578	3'UTR
cg15732768	Body
cg16113021	Body
cg17376631	TSS1500
cg17752799	Body
cg18154270	TSS1500
cg18496858	Body
cg19080100	Body
cg19521511	TSS200
cg19762533	Body
cg19816811	TSS1500
cg19907520	Body
cg19929006	Body
cg20377305	Body
cg20587945	Body
cg20966504	TSS1500
cg20984053	TSS1500
cg21146652	3'UTR
cg21202529	5'UTR
cg21461649	TSS200

cg21780600	Body
cg21811549	1stExon
cg21884372	Body
cg21919492	Body
cg22433447	Body
cg22460204	Body
cg22467052	Body
cg22863118	3'UTR
cg23238719	Body
cg23296572	TSS1500
cg23892439	Body
cg24318763	Body
cg25137110	Body
cg25597535	5'UTR
cg26253500	5'UTR
cg26635219	TSS1500
cg26905768	Body
cg27016494	Body
cg27157482	Body
cg00013196	1stExon
cg00018696	Body
cg00111503	Body
cg00142239	Body
cg00199047	Body
cg00246768	Body
cg00510502	Body
cg00552087	Body
cg00623161	Body
cg00672445	Body
cg01070560	Body
cg01154272	Body
cg01434302	Body
cg01527581	5'UTR
cg01587454	1stExon
cg01750724	Body
cg02192678	5'UTR
cg02255090	Body
cg02310286	TSS200
cg02528400	Body
cg02641770	Body
cg02643451	Body
cg02903104	Body
cg02987368	Body
cg03006172	5'UTR
cg03308704	Body
cg03518799	Body
cg03595083	Body

cg03613433	Body
cg03723211	5'UTR
cg03901910	Body
cg04046889	Body
cg04050941	5'UTR
cg04066400	Body
cg04461895	Body
cg04501624	3'UTR
cg04685163	Body
cg05455971	Body
cg05475938	Body
cg05577437	Body
cg05694450	Body
cg05780864	Body
cg05805326	Body
cg05809437	5'UTR
cg05999364	Body
cg06040034	Body
cg06070132	Body
cg06690689	Body
cg07032446	Body
cg07086592	TSS200
cg07155495	3'UTR
cg07205753	Body
cg07241908	Body
cg07337456	Body
cg07338584	Body
cg07346177	Body
cg07456815	Body
cg08038402	5'UTR
cg08236285	Body
cg08331840	Body
cg08387538	Body
cg08575860	Body
cg08584868	Body
cg08625617	Body
cg09055992	Body
cg09418861	Body
cg09938674	Body
cg10222925	1stExon
cg10489318	Body
cg10557827	Body
cg10702238	5'UTR
cg10831196	Body
cg11217367	5'UTR
cg11254573	5'UTR
cg11532179	Body

cg11691504	TSS1500
cg11734845	Body
cg11782250	Body
cg11878419	Body
cg12020778	Body
cg12028740	Body
cg12033248	Body
cg12042060	Body
cg12269374	Body
cg12618806	TSS200
cg12667021	Body
cg12934371	Body
cg13408752	Body
cg13649332	Body
cg13725636	5'UTR
cg14751679	Body
cg14940233	Body
cg15186616	TSS1500
cg15195541	Body
cg15244965	Body
cg15821496	Body
cg15938529	5'UTR
cg16424196	Body
cg16455444	Body
cg16520712	Body
cg16896847	1stExon
cg17001717	Body
cg17079431	TSS1500
cg17124844	Body
cg17493839	Body
cg17638856	Body
cg17664099	5'UTR
cg17697873	3'UTR
cg17703554	TSS200
cg17726720	Body
cg17777531	1stExon
cg18427696	TSS1500
cg18496841	5'UTR
cg18540249	Body
cg18543993	TSS200
cg18629407	5'UTR
cg18736711	Body
cg18803856	5'UTR
cg19005236	Body
cg19404723	TSS1500
cg19886365	Body
cg19923622	3'UTR

cg19993573	5'UTR
cg20009866	5'UTR
cg20076070	Body
cg20100668	1stExon
cg20705812	TSS200
cg20812772	Body
cg20911707	Body
cg20934731	Body
cg20939319	TSS1500
cg21006539	3'UTR
cg21181391	TSS200
cg21397287	3'UTR
cg21591278	Body
cg21620107	Body
cg21755806	5'UTR
cg21774064	Body
cg21819129	Body
cg21851391	TSS1500
cg21860285	TSS1500
cg21930938	Body
cg22016513	Body
cg22102082	Body
cg22385595	Body
cg22424020	Body
cg22603628	Body
cg22663467	Body
cg22726414	Body
cg22911315	Body
cg23042540	3'UTR
cg23148546	Body
cg23345631	Body
cg23546506	Body
cg23631932	Body
cg23701865	TSS200
cg23702644	Body
cg24035595	Body
cg24150262	Body
cg24188870	Body
cg24257495	Body
cg24265719	3'UTR
cg24327361	Body
cg24356530	Body
cg24890716	5'UTR
cg25086767	Body
cg25164237	Body
cg25188238	Body
cg25329377	Body

cg25338036	Body
cg25398924	5'UTR
cg25449412	Body
cg25633955	Body
cg25955692	5'UTR
cg26128378	Body
cg26321366	5'UTR
cg26373716	Body
cg26423283	TSS1500
cg26426186	Body
cg26463699	Body
cg26942892	Body
cg27043838	Body
cg27281765	Body
cg27412284	5'UTR
cg27469019	Body
cg02530222	Body
cg02644195	1stExon
cg03192044	Body
cg03912954	Body
cg04843046	TSS1500
cg04961448	Body
cg06972578	Body
cg07982825	Body
cg11884243	Body
cg13405678	Body
cg13406243	Body
cg13447566	Body
cg13450437	Body
cg13505608	Body
cg13596787	Body
cg13609861	Body
cg13610307	Body
cg13659051	TSS1500
cg13678205	Body
cg13718100	Body
cg13744508	Body
cg13782905	Body
cg13801201	Body
cg13811936	3'UTR
cg13939166	Body
cg14009729	Body
cg14033273	Body
cg14040034	Body
cg14069088	Body
cg14241045	Body
cg14366110	3'UTR

cg14441891	Body
cg14452299	TSS1500
cg14479463	Body
cg14502431	Body
cg14511652	Body
cg14532484	3'UTR
cg14560435	Body
cg14578087	Body
cg17641904	1stExon
cg20698037	Body
cg21181547	Body
cg21216258	Body
cg21248989	Body
cg22851781	Body
cg26164184	TSS1500
cg26556078	Body
cg00201819	Body
cg00277753	Body
cg00443797	3'UTR
cg00802855	Body
cg00844246	Body
cg00929798	5'UTR
cg01120434	Body
cg01167924	5'UTR
cg01481609	Body
cg02023367	Body
cg02483554	TSS200
cg02657833	TSS1500
cg02757516	Body
cg02858066	TSS1500
cg02981003	Body
cg03194442	3'UTR
cg03734323	Body
cg03852041	Body
cg04121368	Body
cg04553632	Body
cg04876028	Body
cg04976799	3'UTR
cg05576619	Body
cg05854698	Body
cg06061238	Body
cg06322518	3'UTR
cg07505629	Body
cg08721320	Body
cg09417683	TSS1500
cg09795588	TSS1500
cg10154597	Body

cg10315366	Body
cg10827485	Body
cg11547474	Body
cg12037162	Body
cg12053971	Body
cg12100026	Body
cg12340219	Body
cg12471044	Body
cg13436417	Body
cg13550802	Body
cg13558105	Body
cg13750264	Body
cg13851375	Body
cg14515517	5'UTR
cg14914442	Body
cg15376397	Body
cg15496307	Body
cg15595525	3'UTR
cg15896446	Body
cg16332700	Body
cg16812660	3'UTR
cg17059136	5'UTR
cg17179557	Body
cg17545399	Body
cg17861618	Body
cg17962547	Body
cg18059464	Body
cg18105709	Body
cg18110578	Body
cg18643199	Body
cg19731276	Body
cg20012537	Body
cg20044918	Body
cg20129035	Body
cg20223950	Body
cg22993667	Body
cg23154497	Body
cg23293230	Body
cg23649631	Body
cg23655160	Body
cg23748514	Body
cg23900225	TSS200
cg24333420	Body
cg24387129	3'UTR
cg24575705	Body
cg24819266	TSS1500
cg24898738	Body

cg25367334	Body
cg26060665	Body
cg26369315	Body
cg26722684	Body
cg27237541	Body
cg27297441	Body
cg27532754	Body
cg01026898	TSS200
cg04458776	TSS1500
cg05141787	TSS1500
cg05616355	TSS1500
cg05929864	TSS1500
cg06735218	TSS1500
cg07041214	1stExon
cg08317412	TSS1500
cg08573687	TSS200
cg09597390	Body
cg12315735	Body
cg13552831	Body
cg14714364	Body
cg14803762	Body
cg15572496	Body
cg15957341	Body
cg16476427	TSS200
cg16604126	TSS1500
cg17637877	Body
cg18226539	Body
cg18438823	3'UTR
cg18918116	Body
cg19015654	TSS1500
cg21104351	Body
cg21644468	TSS1500
cg21672572	Body
cg21960184	Body
cg22223402	TSS1500
cg22374268	TSS1500
cg23006065	Body
cg23392097	5'UTR
cg23632744	Body
cg23682822	Body
cg23851685	Body
cg23984446	1stExon
cg24803030	Body
cg25451456	TSS1500
cg26200826	TSS200
cg26966083	3'UTR
cg27105634	Body

cg27183113	TSS200
cg00601486	1stExon
cg01055386	Body
cg01777672	Body
cg01898337	3'UTR
cg02485729	Body
cg02501166	Body
cg02911432	Body
cg04033390	Body
cg04577591	Body
cg04963177	Body
cg05338527	Body
cg05557780	3'UTR
cg05730676	Body
cg05992726	Body
cg06162589	3'UTR
cg06563300	TSS200
cg07053177	Body
cg07269374	Body
cg07277190	1stExon
cg07561017	1stExon
cg07909692	Body
cg09046427	Body
cg10216717	Body
cg10295807	Body
cg10479063	1stExon
cg11010909	TSS1500
cg11721803	TSS200
cg11755803	Body
cg12374506	Body
cg12760869	Body
cg14247459	Body
cg14479837	Body
cg14525610	5'UTR
cg15002721	3'UTR
cg15235614	Body
cg15456555	TSS200
cg16169129	TSS1500
cg16287284	Body
cg16292773	Body
cg17277820	Body
cg17725129	Body
cg17734698	Body
cg18034742	Body
cg18201871	Body
cg18222913	Body
cg18627442	Body

cg19120125	TSS200
cg19273074	Body
cg20173428	TSS1500
cg20318358	TSS1500
cg20374317	Body
cg20739205	Body
cg21146374	Body
cg21434949	Body
cg21795074	Body
cg22027151	Body
cg22238777	Body
cg22489491	Body
cg22678436	Body
cg22790870	Body
cg22969014	Body
cg23325997	Body
cg23793961	5'UTR
cg24613097	Body
cg25364381	Body
cg26247186	Body
cg26538093	Body
cg26874534	Body
cg26955491	TSS1500
cg27137084	Body
cg03495768	Body
cg05006718	TSS200
cg05708385	Body
cg06135282	Body
cg06580725	Body
cg11511819	Body
cg12707907	5'UTR
cg15615022	TSS1500
cg16033633	TSS1500
cg16103732	5'UTR
cg16525987	TSS1500
cg17242608	Body
cg17882660	Body
cg20011604	Body
cg20057676	Body
cg20682236	3'UTR
cg22274414	TSS1500
cg23576999	TSS200
cg24545961	Body
cg24714905	Body
cg24742746	3'UTR
cg25702335	Body
cg27040976	Body

cg00447018	TSS200
cg00497078	TSS1500
cg01901466	TSS1500
cg01952537	5'UTR
cg02868468	TSS1500
cg03003467	TSS200
cg04425614	Body
cg05829782	Body
cg06999127	TSS1500
cg07119871	Body
cg10397765	Body
cg11736942	Body
cg13275724	TSS1500
cg13276428	5'UTR
cg14404807	TSS200
cg15837235	Body
cg16023283	TSS1500
cg16244889	Body
cg16491185	Body
cg16577789	3'UTR
cg18484736	TSS1500
cg20481032	Body
cg24102702	TSS1500
cg24730564	TSS200
cg25020591	TSS1500
cg26117778	TSS200
cg00028598	Body
cg00290340	Body
cg00563495	Body
cg01041256	Body
cg01916429	5'UTR
cg02558162	TSS1500
cg02912913	Body
cg03471122	Body
cg05952543	TSS200
cg08099701	Body
cg09171565	Body
cg09437135	TSS1500
cg09472467	Body
cg09577907	5'UTR
cg11592640	Body
cg12904924	Body
cg16131766	TSS200
cg16967830	Body
cg17848615	5'UTR
cg18724037	Body
cg19679544	Body

cg19903927	1stExon
cg20769842	TSS1500
cg20792895	TSS200
cg22081933	Body
cg22950153	Body
cg23234999	1stExon
cg23529231	3'UTR
cg26270695	3'UTR
cg26320946	Body
cg26452811	Body
cg26555966	Body
cg26674943	TSS1500
cg00009553	Body
cg00887153	TSS1500
cg00974523	3'UTR
cg03815683	Body
cg05535113	TSS1500
cg05630943	Body
cg08056755	Body
cg08382534	Body
cg09354518	Body
cg09679746	Body
cg10272176	Body
cg19791043	Body
cg27420415	Body
cg00134787	Body
cg00158789	Body
cg00617568	TSS1500
cg00933692	5'UTR
cg01487494	Body
cg02756698	1stExon
cg04647241	3'UTR
cg05422096	TSS1500
cg06172732	Body
cg06365535	Body
cg07878085	3'UTR
cg08125539	Body
cg08277486	Body
cg08502239	1stExon
cg09702698	TSS200
cg10858415	Body
cg11310812	Body
cg11312462	Body
cg12229387	TSS1500
cg12314713	TSS200
cg12437115	TSS1500
cg13606025	TSS1500

cg14181409	Body
cg14484274	Body
cg14620593	TSS1500
cg14783904	1stExon
cg14833286	TSS200
cg15046388	Body
cg16517367	5'UTR
cg17975443	Body
cg18529840	TSS200
cg19114576	1stExon
cg19449377	1stExon
cg20164479	TSS1500
cg20207911	Body
cg20261915	1stExon
cg20660556	Body
cg21690167	5'UTR
cg22143285	TSS1500
cg22249386	Body
cg23240355	TSS200
cg23663533	Body
cg23757622	5'UTR
cg23901700	1stExon
cg24274579	Body
cg24414383	TSS1500
cg25124433	1stExon
cg25900280	Body
cg26086902	3'UTR
cg26299044	Body
cg26465331	Body
cg26940328	Body
cg27600813	1stExon
cg02837027	TSS1500
cg03521982	Body
cg15231809	TSS1500
cg17112707	3'UTR
cg19181692	Body
cg21298444	3'UTR
cg24956253	Body
cg26068292	Body
cg27373591	Body
cg00996764	3'UTR
cg01428589	1stExon
cg02478708	3'UTR
cg02593218	3'UTR
cg03320607	3'UTR
cg03567151	TSS1500
cg03733219	Body

cg05626117	TSS1500
cg05663558	TSS1500
cg07584894	TSS1500
cg08585489	TSS200
cg09286599	TSS1500
cg09923953	3'UTR
cg10598596	3'UTR
cg11247304	TSS1500
cg11587635	TSS1500
cg11957331	Body
cg13566596	TSS200
cg14535518	TSS1500
cg18885992	Body
cg19519626	TSS1500
cg19582822	TSS1500
cg19694850	Body
cg20248549	TSS200
cg20660385	Body
cg21305926	5'UTR
cg25661884	1stExon
cg25960785	Body
cg26827876	3'UTR
cg27035708	Body
cg27549878	Body
cg00170438	Body
cg00418735	3'UTR
cg00629116	Body
cg04291946	Body
cg04636876	TSS200
cg04752263	Body
cg05837890	TSS200
cg09063835	Body
cg11969493	Body
cg13441066	3'UTR
cg16483466	Body
cg18859248	Body
cg21064449	TSS1500
cg23218431	3'UTR
cg23875663	Body
cg24427947	TSS200
cg25175508	TSS1500
cg26012050	Body
cg27281882	TSS1500
cg00355325	TSS1500
cg00576650	Body
cg00702593	TSS1500
cg01078582	Body

cg01108921	Body
cg01268381	TSS1500
cg01282269	Body
cg02413326	TSS1500
cg02475236	Body
cg03519441	Body
cg05340803	Body
cg06074801	Body
cg07047280	Body
cg08442037	Body
cg08795360	3'UTR
cg10094691	Body
cg10828127	Body
cg11701372	Body
cg12234272	TSS1500
cg12298598	Body
cg14603539	Body
cg14721139	TSS1500
cg14903245	Body
cg16615040	Body
cg17562528	Body
cg17616453	5'UTR
cg19469449	3'UTR
cg19477942	Body
cg21040814	Body
cg22540233	1stExon
cg25310241	Body
cg25734539	TSS1500
cg26709720	TSS1500
cg00543869	TSS1500
cg00805441	3'UTR
cg00968561	Body
cg01516033	Body
cg01637537	Body
cg02978737	TSS1500
cg03729889	TSS200
cg03954858	Body
cg05033341	Body
cg05458609	Body
cg07816271	TSS1500
cg07856761	TSS1500
cg09327378	TSS1500
cg09982918	TSS1500
cg16293983	Body
cg18520517	TSS1500
cg19136704	TSS200
cg20495476	3'UTR

cg21192979	Body
cg21385983	TSS200
cg22035738	3'UTR
cg22882543	Body
cg24436022	3'UTR
cg26244661	TSS200

**Appendix 3.7 – Single CpG probes localization for lung cancer.**

cg	site
cg09595415	TSS200
cg01847754	1stExon
cg03806192	Body
cg05259868	TSS1500
cg05922253	TSS1500
cg07758529	5'UTR
cg09796544	Body
cg16108684	TSS200
cg17602500	5'UTR
cg19162841	TSS1500
cg23251359	TSS1500
cg26222437	1stExon
cg27502296	5'UTR
cg00325910	Body
cg00945234	Body
cg01281911	1stExon
cg01965874	Body
cg02054457	5'UTR
cg02650767	1stExon
cg03340466	5'UTR
cg04138756	TSS1500
cg04455430	Body
cg04923875	5'UTR
cg04972930	1stExon
cg05052324	TSS1500
cg07362328	Body
cg07536847	TSS1500
cg08166767	5'UTR
cg09586034	Body
cg09791440	Body
cg09792881	Body
cg10512745	Body
cg10821610	Body

cg11796258	Body
cg12756396	Body
cg15067015	5'UTR
cg15082028	Body
cg15149095	Body
cg15841063	1stExon
cg16732616	Body
cg17721710	1stExon
cg17800654	5'UTR
cg19255241	TSS1500
cg19715410	1stExon
cg20268857	1stExon
cg21774338	3'UTR
cg22941315	5'UTR
cg23097402	3'UTR
cg23115387	1stExon
cg24381587	1stExon
cg24933645	1stExon
cg25191628	Body
cg25856811	TSS1500
cg00423153	TSS1500
cg00445405	Body
cg00463767	Body
cg00853940	Body
cg01089249	Body
cg01089319	Body
cg01695225	Body
cg01708273	3'UTR
cg02076785	5'UTR
cg03655683	Body
cg04415176	1stExon
cg04431946	TSS200
cg04654530	Body
cg06092815	TSS200
cg06382344	Body
cg06488443	Body
cg06942701	Body
cg07090701	Body
cg07203423	Body
cg07279070	Body
cg07802350	TSS1500
cg07936950	3'UTR
cg07938743	3'UTR
cg07974511	Body
cg07990546	1stExon
cg08074851	TSS200
cg08473330	Body

cg08526991	TSS1500
cg08911275	TSS200
cg10122865	3'UTR
cg10136354	Body
cg10418524	TSS1500
cg10959353	TSS200
cg11546137	1stExon
cg11761200	Body
cg12001304	Body
cg12308746	Body
cg12520549	3'UTR
cg13491584	TSS1500
cg13656408	3'UTR
cg14005211	Body
cg15126544	Body
cg16781647	Body
cg16928066	Body
cg17495130	3'UTR
cg18449120	1stExon
cg19047707	5'UTR
cg19370054	5'UTR
cg19846314	Body
cg21185289	3'UTR
cg21472506	3'UTR
cg21488538	5'UTR
cg22190437	Body
cg23229261	3'UTR
cg24561661	1stExon
cg24633978	1stExon
cg24837370	1stExon
cg25622366	Body
cg27364741	Body
cg00028935	Body
cg02653559	Body
cg03631131	Body
cg05855917	Body
cg08013557	Body
cg08091192	Body
cg08393041	Body
cg09462808	TSS200
cg12892506	Body
cg15105326	Body
cg15772216	Body
cg16240162	Body
cg16768018	Body
cg18082337	Body
cg18423935	TSS1500

cg18731327	Body
cg20939084	Body
cg26014036	Body
cg26790247	Body
cg00692611	Body
cg01002253	TSS200
cg01951086	Body
cg02725370	Body
cg03144922	Body
cg03184290	Body
cg03943773	Body
cg03972665	Body
cg04961466	TSS200
cg05030680	Body
cg05581451	Body
cg06842954	TSS1500
cg07937271	3'UTR
cg09781994	Body
cg09812070	TSS200
cg10055501	Body
cg10417567	Body
cg10682299	Body
cg12973941	1stExon
cg13549845	Body
cg13736376	Body
cg13891220	Body
cg17444738	Body
cg17507671	Body
cg17707140	TSS1500
cg18438777	5'UTR
cg19134945	TSS200
cg19370653	Body
cg20073553	Body
cg20291436	Body
cg20705938	TSS1500
cg21299542	Body
cg21726372	Body
cg22717014	Body
cg22914729	Body
cg24005685	Body
cg24154839	TSS200
cg24275315	Body
cg24394172	Body
cg24721899	Body
cg24925400	Body
cg25830182	Body
cg25951981	TSS200

cg26004759	Body
cg26708319	Body
cg26831119	Body
cg27406678	Body
cg00396667	3'UTR
cg02037307	3'UTR
cg02213684	Body
cg04223420	3'UTR
cg06850283	TSS1500
cg11188031	TSS200
cg11625005	TSS1500
cg12673103	Body
cg14441976	TSS200
cg14544666	5'UTR
cg26295057	TSS200
cg26509691	3'UTR
cg00087368	Body
cg01392518	TSS1500
cg01978237	Body
cg02772121	TSS200
cg03771840	3'UTR
cg03830329	Body
cg03950614	TSS1500
cg04337653	Body
cg05139788	Body
cg05380821	Body
cg05922610	Body
cg06463958	TSS1500
cg07625194	Body
cg07973435	Body
cg08074534	Body
cg08640634	TSS1500
cg08858649	Body
cg08979319	Body
cg10745499	Body
cg11038322	Body
cg11538641	Body
cg11781718	TSS1500
cg11975608	TSS200
cg12422154	TSS200
cg13784235	Body
cg14314744	Body
cg14717557	Body
cg15416877	Body
cg15435730	TSS1500
cg15786205	Body
cg16565394	Body

cg17028067	5'UTR
cg17191462	Body
cg17386213	Body
cg17489695	TSS1500
cg18782604	Body
cg19653212	Body
cg20114732	Body
cg20180370	Body
cg20234976	Body
cg20431250	Body
cg20457051	5'UTR
cg20731469	Body
cg21239311	TSS1500
cg21610164	1stExon
cg21760402	Body
cg22286936	Body
cg22476027	Body
cg22711111	Body
cg23507945	Body
cg23676151	Body
cg23720064	Body
cg24211504	Body
cg24595606	Body
cg25701114	1stExon
cg25775494	Body
cg26099134	Body
cg26451345	TSS200
cg26954968	Body
cg00143249	Body
cg00147248	5'UTR
cg00333226	5'UTR
cg01003961	Body
cg01556466	Body
cg01759597	Body
cg01893212	TSS200
cg01933308	Body
cg02113214	Body
cg02467990	TSS200
cg02530022	Body
cg02920600	Body
cg03767515	Body
cg03981954	3'UTR
cg04088697	Body
cg04454951	TSS1500
cg04590119	5'UTR
cg04832767	Body
cg04842426	5'UTR

cg04904331	TSS1500
cg05462543	1stExon
cg06581175	Body
cg07010617	Body
cg07462540	TSS1500
cg07788369	Body
cg08550101	Body
cg09388140	Body
cg09803262	Body
cg10659805	Body
cg12265623	Body
cg12597389	Body
cg13019143	Body
cg13209441	Body
cg13611822	Body
cg14045872	TSS200
cg14094983	Body
cg15199678	Body
cg15285250	Body
cg15443952	Body
cg16758800	Body
cg16935980	Body
cg16961816	Body
cg17093995	Body
cg17199800	Body
cg18421840	5'UTR
cg18502142	Body
cg19630629	5'UTR
cg20547407	Body
cg21146652	3'UTR
cg21497990	Body
cg21545390	Body
cg21619594	Body
cg21769093	Body
cg21945930	Body
cg22616881	Body
cg23348723	TSS1500
cg23426473	Body
cg23677657	Body
cg23767994	Body
cg24384519	Body
cg25195987	Body
cg25287257	Body
cg25797887	Body
cg25825506	Body
cg26251506	Body
cg26253500	5'UTR

cg26668276	Body
cg27618240	Body
cg00601648	Body
cg02715629	TSS1500
cg02842496	TSS1500
cg07235577	5'UTR
cg07557260	TSS200
cg07851738	Body
cg10979216	5'UTR
cg18219713	5'UTR
cg19924352	1stExon
cg22304522	Body
cg22762091	TSS200
cg23467079	Body
cg24340081	Body
cg26205771	TSS1500
cg26332560	TSS200
cg26351229	TSS1500
cg13413955	Body
cg13492692	Body
cg13663644	Body
cg13791254	1stExon
cg14093715	Body
cg14127859	Body
cg14425564	Body
cg14442421	TSS1500
cg20939662	Body
cg01175020	Body
cg02943604	Body
cg06382559	Body
cg12118269	Body
cg14461582	Body
cg14822490	3'UTR
cg14861089	Body
cg17498296	TSS200
cg20011402	1stExon
cg22603247	TSS200
cg23340017	Body
cg24812837	Body
cg25266629	Body
cg01670677	TSS200
cg02608452	5'UTR
cg04063166	5'UTR
cg04543008	TSS200
cg05093169	TSS200
cg05756220	TSS200
cg06834698	TSS1500

cg08490115	TSS200
cg08876932	TSS1500
cg09140665	1stExon
cg10085326	TSS1500
cg10122477	Body
cg10387551	TSS200
cg11334771	TSS200
cg12164612	5'UTR
cg12559170	Body
cg13563074	TSS1500
cg14995062	TSS200
cg15044957	TSS200
cg15310492	TSS200
cg16226642	TSS1500
cg16327839	1stExon
cg16922279	TSS1500
cg17714025	TSS200
cg18142856	TSS200
cg18722841	1stExon
cg18768582	Body
cg19620758	TSS200
cg20400904	Body
cg21732056	TSS1500
cg22031964	Body
cg22639011	5'UTR
cg22658979	TSS200
cg24530250	TSS1500
cg26745764	Body
cg00079219	Body
cg00765312	Body
cg03199745	Body
cg03239552	3'UTR
cg03536474	1stExon
cg04008601	Body
cg04819096	3'UTR
cg04883903	5'UTR
cg04899175	5'UTR
cg05771518	3'UTR
cg07780095	Body
cg07854132	TSS200
cg10641615	Body
cg11328436	Body
cg11795276	Body
cg11854928	Body
cg12374506	Body
cg14116122	TSS200
cg14691529	Body

cg14996220	TSS1500
cg15731655	Body
cg16006349	Body
cg16413687	TSS1500
cg16856286	1stExon
cg17187764	TSS200
cg18040901	Body
cg18824990	Body
cg19619405	TSS200
cg20104341	Body
cg20402783	Body
cg20403938	TSS1500
cg20597842	TSS200
cg22212237	1stExon
cg22274539	Body
cg22827685	5'UTR
cg22829917	Body
cg23489434	Body
cg23922739	Body
cg24116870	TSS1500
cg25678815	TSS200
cg25800765	TSS1500
cg26567423	Body
cg26777456	Body
cg27663938	Body
cg00806704	Body
cg01499197	TSS1500
cg07984133	TSS1500
cg10679688	TSS1500
cg11591636	TSS1500
cg14123923	Body
cg16033633	TSS1500
cg16201038	TSS1500
cg12189551	TSS200
cg18451814	TSS1500
cg24748769	Body
cg26132298	TSS200
cg27278953	TSS200
cg03752741	Body
cg12868052	Body
cg16100530	Body
cg16226785	Body
cg17840707	Body
cg18543971	5'UTR
cg20663376	5'UTR
cg24875808	Body
cg02498177	Body

cg06319822	TSS200
cg06724588	TSS1500
cg09528825	Body
cg13755795	TSS1500
cg26494929	Body
cg27423760	TSS1500
cg00158333	Body
cg04917446	3'UTR
cg08594218	3'UTR
cg09000583	3'UTR
cg12314713	TSS200
cg12477716	TSS1500
cg16464328	TSS1500
cg16557178	Body
cg17787134	TSS1500
cg21865150	Body
cg26090020	3'UTR
cg26336935	TSS200
cg26612727	1stExon
cg02455094	1stExon
cg05080154	TSS1500
cg07382554	TSS200
cg10717463	Body
cg10835584	Body
cg13794993	1stExon
cg14007067	TSS200
cg23757446	1stExon
cg02849693	Body
cg03733219	Body
cg05962092	1stExon
cg08871608	Body
cg12018098	Body
cg13355047	TSS200
cg13409645	TSS200
cg14239515	Body
cg19605788	Body
cg23874437	Body
cg25756435	Body
cg25902889	Body
cg26923490	1stExon
cg27549878	Body
cg00633740	Body
cg01247127	TSS200
cg01715455	TSS200
cg01743841	1stExon
cg02631468	TSS200
cg02898293	Body

cg03111498	TSS200
cg03726785	Body
cg04048259	TSS200
cg06151165	Body
cg06404175	Body
cg07676859	TSS200
cg08318212	TSS200
cg09005679	TSS200
cg10968815	TSS200
cg11295724	TSS200
cg14631053	TSS200
cg14763548	1stExon
cg15272362	TSS200
cg16205854	TSS200
cg17146570	TSS200
cg17586860	TSS200
cg18197392	TSS200
cg20910807	TSS200
cg22534145	TSS200
cg25737664	TSS1500
cg11250773	TSS200

**Appendix 3.8 – Single CpG probes localization for thyroid cancer.**

cg	site
cg18512357	TSS200
cg23904115	TSS1500
cg27053580	TSS200
cg01441698	TSS200
cg03255783	Body
cg03448202	TSS200
cg12403889	5'UTR
cg18959422	TSS1500
cg19088218	Body
cg22717825	TSS200
cg25388882	Body
cg23620049	TSS200
cg01802532	Body
cg20695587	TSS200
cg23449588	Body
cg25065535	Body
cg02196805	1stExon
cg02325250	TSS200
cg08686879	1stExon

<b>cg26369418</b>	<b>TSS200</b>
<b>cg07538160</b>	<b>TSS200</b>
<b>cg15442792</b>	<b>TSS200</b>
<b>cg20457051</b>	<b>5'UTR</b>
<b>cg26451345</b>	<b>TSS200</b>
<b>cg01120874</b>	<b>Body</b>
<b>cg19316579</b>	<b>Body</b>
<b>cg19856444</b>	<b>5'UTR</b>
<b>cg09575189</b>	<b>TSS200</b>
<b>cg12747410</b>	<b>TSS1500</b>
<b>cg16657886</b>	<b>TSS200</b>
<b>cg18122696</b>	<b>TSS1500</b>
<b>cg04473405</b>	<b>TSS1500</b>
<b>cg22669120</b>	<b>3'UTR</b>
<b>cg01853665</b>	<b>5'UTR</b>
<b>cg08328750</b>	<b>TSS200</b>
<b>cg25959149</b>	<b>TSS200</b>