DMRtable CpGtable **DMRPlot** Summary Show 8 ▼ entries Search: ID DMRindex + CHR 🔷 MAPINFO | Strand | Type 🔷 feature 🍦 gene 👇 cgi 🖣 feat.cgi R IIABR Body Body-shore cg05825400 cg05825400 DMR_29 982115 shore 17 F IIABR Body Body-shore cg00905220 cg00905220 DMR_29 17 982154 shore IIDMR_29 R ABR TSS200 shore TSS200-shore cg26867637 cg26867637 17 982395 TSS200-shore R IIABR TSS200 shore cg19476303 cg19476303 DMR_29 17 982397 cg15474728 F IIABR TSS200 shore TSS200-shore cg15474728 DMR_29 17 982497 F II TSS200 TSS200-shore DMR_29 982503 ABR shore cg07149030 cg07149030 17 982555 TSS200-shore cg24521240 cg24521240 DMR_29 R IIABR TSS200 shore 17 F ExonBnd ExonBnd-shore cg09434366 cg09434366 DMR_29 982586 II ABR shore 17 Showing 1 to 8 of 8 entries Previous Next 1 DMR_29 HG 0.8 LG HG Mean LG Mean 0.7 HG Loess LG Loess Body 0.6 TSS200 shore 0.5 0.4 Value 0.3 0.2 0.1 -0.1

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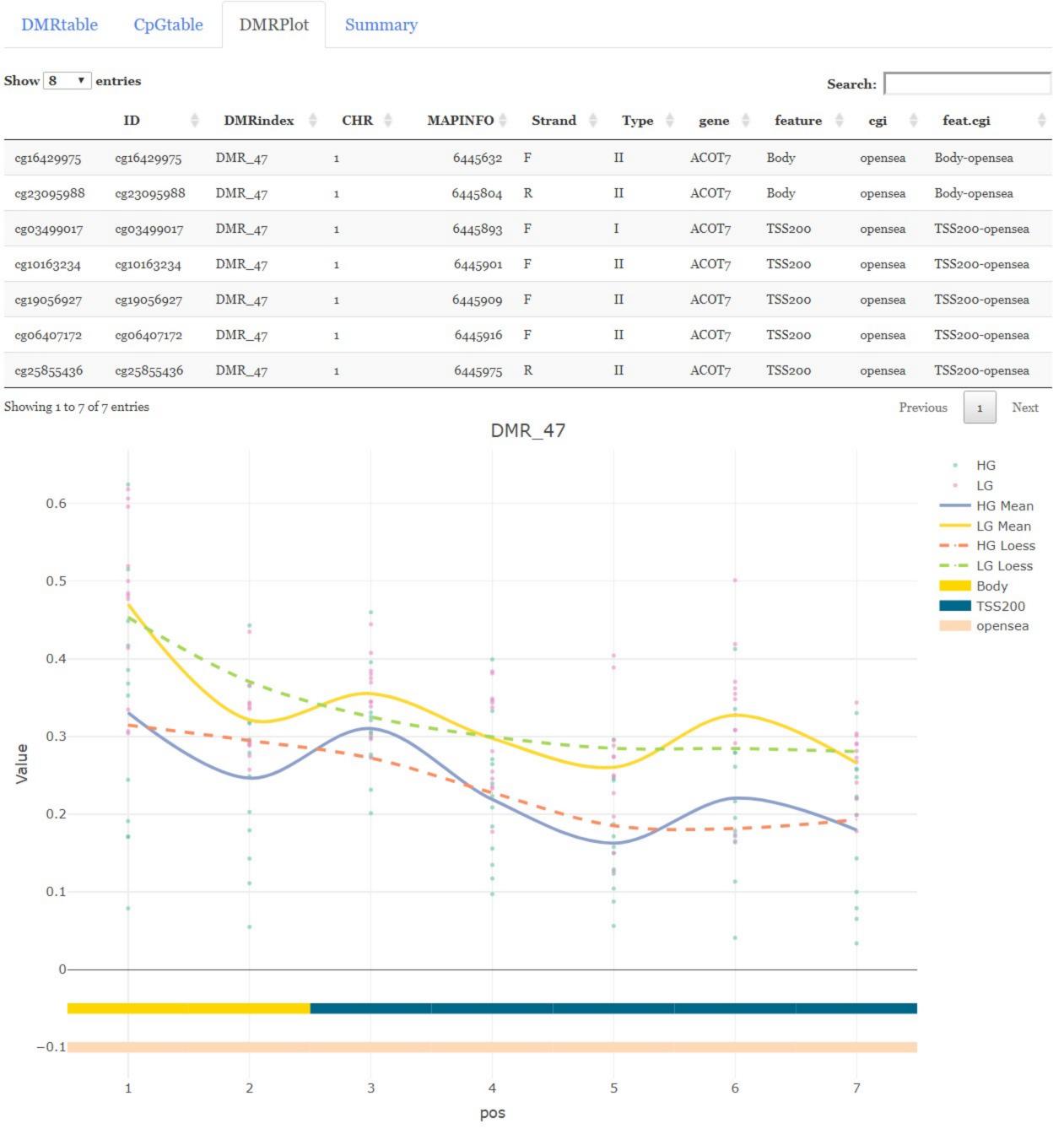
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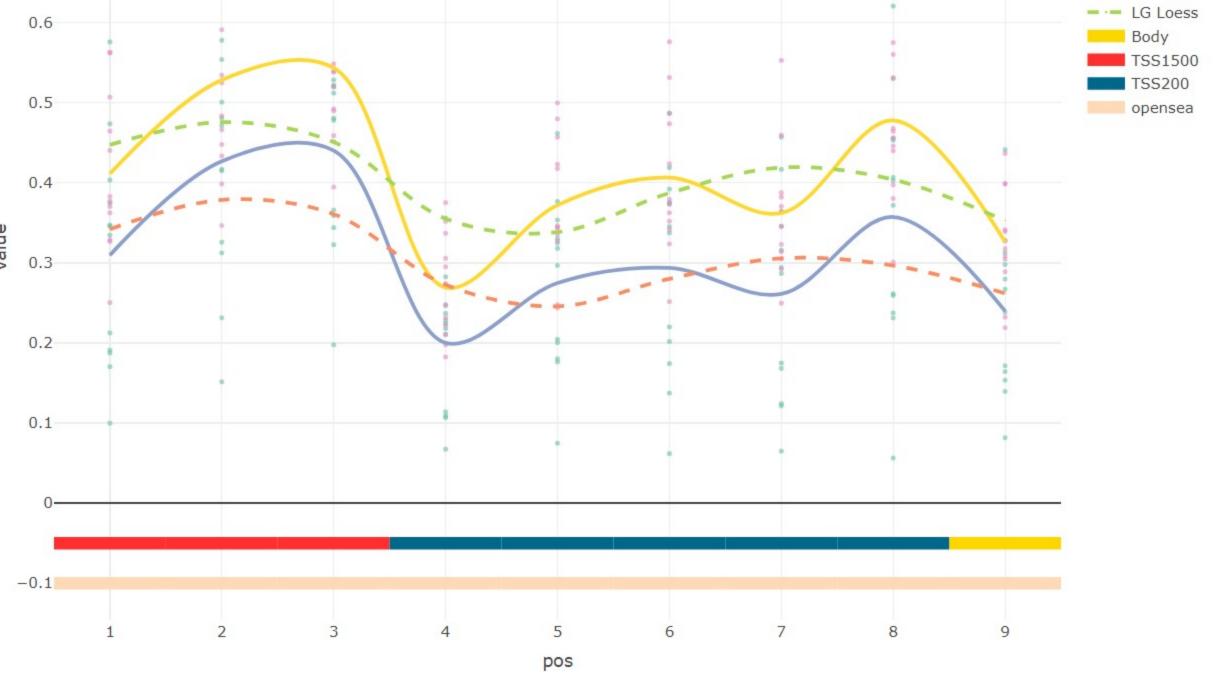
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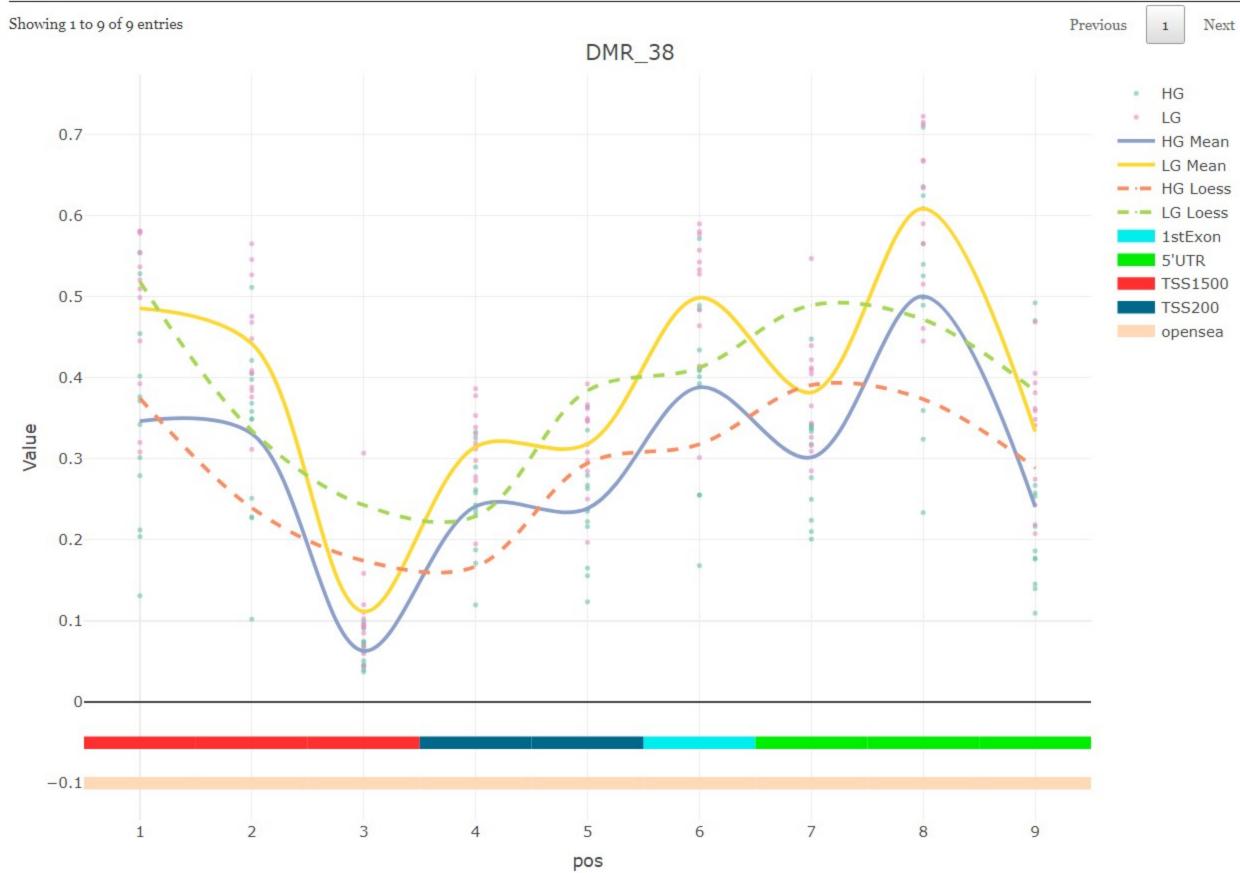


CpGtable DMRPlot DMRtable Summary

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cg05422096	cg05422096	DMR_26	17	54230560	R	II	ANKFN1	TSS1500	opensea	TSS1500-opensea
cg10564180	cg10564180	DMR_26	17	54230594	R	I	ANKFN1	TSS1500	opensea	TSS1500-opensea
cg26231361	cg26231361	DMR_26	17	54230642	R	II	ANKFN1	TSS200	opensea	TSS200-opensea
cg17024482	cg17024482	DMR_26	17	54230730	F	II	ANKFN1	TSS200	opensea	TSS200-opensea
cg09980771	cg09980771	DMR_26	17	54230787	R	II	ANKFN1	TSS200	opensea	TSS200-opensea
cg18851332	cg18851332	DMR_26	17	54230793	R	II	ANKFN1	TSS200	opensea	TSS200-opensea
cg00840597	cg00840597	DMR_26	17	54230805	R	II	ANKFN ₁	TSS200	opensea	TSS200-opensea
cg01748757	cg01748757	DMR_26	17	54230996	F	II	ANKFN1	Body	opensea	Body-opensea
0.7					MR_26					HG LG HG Moon
0.7										HG Mean LG Mean HG Loess LG Loess
0.6										Body TSS1500 TSS200
0.5	/						/-			opensea
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9 0.3									1	
0.2		+								



ntries							5	Search:	
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cg09317928	DMR_38	11	61716830	R	II	BEST ₁	TSS1500	opensea	TSS1500-opensea
cg06068935	DMR_38	11	61717005	R	II	BEST ₁	TSS1500	opensea	TSS1500-opensea
cg23584647	DMR_38	11	61717191	R	II	BEST1	TSS200	opensea	TSS200-opensea
cg15456821	DMR_38	11	61717225	R	II	BEST ₁	TSS200	opensea	TSS200-opensea
cg09726693	DMR_38	11	61717395	R	II	BEST1	1stExon	opensea	1stExon-opensea
cg05481452	DMR_38	11	61717684	F	II	BEST ₁	5'UTR	opensea	5'UTR-opensea
cg11562596	DMR_38	11	61717766	R	II	BEST1	5'UTR	opensea	5'UTR-opensea
cg20584555	DMR_38	11	61717780	R	II	BEST ₁	5'UTR	opensea	5'UTR-opensea
	cg16084190 cg09317928 cg06068935 cg23584647 cg15456821 cg09726693 cg05481452 cg11562596	ID DMRindex cg16084190 DMR_38 cg09317928 DMR_38 cg06068935 DMR_38 cg23584647 DMR_38 cg15456821 DMR_38 cg09726693 DMR_38 cg05481452 DMR_38 cg11562596 DMR_38	ID DMRindex CHR cg16084190 DMR_38 11 cg09317928 DMR_38 11 cg06068935 DMR_38 11 cg23584647 DMR_38 11 cg15456821 DMR_38 11 cg09726693 DMR_38 11 cg05481452 DMR_38 11 cg11562596 DMR_38 11	ID DMRindex CHR MAPINFO cg16084190 DMR_38 11 61716821 cg09317928 DMR_38 11 61716830 cg06068935 DMR_38 11 61717005 cg23584647 DMR_38 11 61717191 cg15456821 DMR_38 11 61717225 cg09726693 DMR_38 11 61717395 cg05481452 DMR_38 11 61717684 cg11562596 DMR_38 11 61717766	ID DMRindex CHR MAPINFO Strand cg16084190 DMR_38 11 61716821 F cg09317928 DMR_38 11 61716830 R cg06068935 DMR_38 11 61717005 R cg23584647 DMR_38 11 61717191 R cg15456821 DMR_38 11 61717225 R cg09726693 DMR_38 11 61717395 R cg05481452 DMR_38 11 61717684 F cg11562596 DMR_38 11 61717766 R	ID DMRindex CHR MAPINFO Strand Type cg16084190 DMR_38 11 61716821 F II cg09317928 DMR_38 11 61716830 R II cg06068935 DMR_38 11 61717005 R II cg23584647 DMR_38 11 61717225 R II cg09726693 DMR_38 11 61717395 R II cg05481452 DMR_38 11 61717684 F II cg11562596 DMR_38 11 61717766 R II	ID DMRindex CHR MAPINFO Strand Type gene cg16084190 DMR_38 11 61716821 F II BEST1 cg09317928 DMR_38 11 61716830 R II BEST1 cg06068935 DMR_38 11 61717005 R II BEST1 cg23584647 DMR_38 11 61717225 R II BEST1 cg09726693 DMR_38 11 61717395 R II BEST1 cg05481452 DMR_38 11 61717684 F II BEST1 cg11562596 DMR_38 11 61717766 R II BEST1	ID DMRindex CHR MAPINFO Strand Type gene feature cg16084190 DMR_38 11 61716821 F II BEST1 TSS1500 cg09317928 DMR_38 11 61716830 R II BEST1 TSS1500 cg06068935 DMR_38 11 61717005 R II BEST1 TSS1500 cg23584647 DMR_38 11 61717191 R II BEST1 TSS200 cg15456821 DMR_38 11 61717225 R II BEST1 TSS200 cg09726693 DMR_38 11 61717395 R II BEST1 1stExon cg05481452 DMR_38 11 61717684 F II BEST1 5'UTR cg11562596 DMR_38 11 61717766 R II BEST1 5'UTR	ID DMRindex CHR MAPINFO Strand Type gene feature cgi cg16084190 DMR_38 11 61716821 F II BEST1 TSS1500 opensea cg09317928 DMR_38 11 61716830 R II BEST1 TSS1500 opensea cg06068935 DMR_38 11 61717005 R II BEST1 TSS200 opensea cg232584647 DMR_38 11 61717225 R II BEST1 TSS200 opensea cg09726693 DMR_38 11 61717395 R II BEST1 1stExon opensea cg05481452 DMR_38 11 61717684 F II BEST1 5'UTR opensea cg11562596 DMR_38 11 61717766 R II BEST1 5'UTR opensea

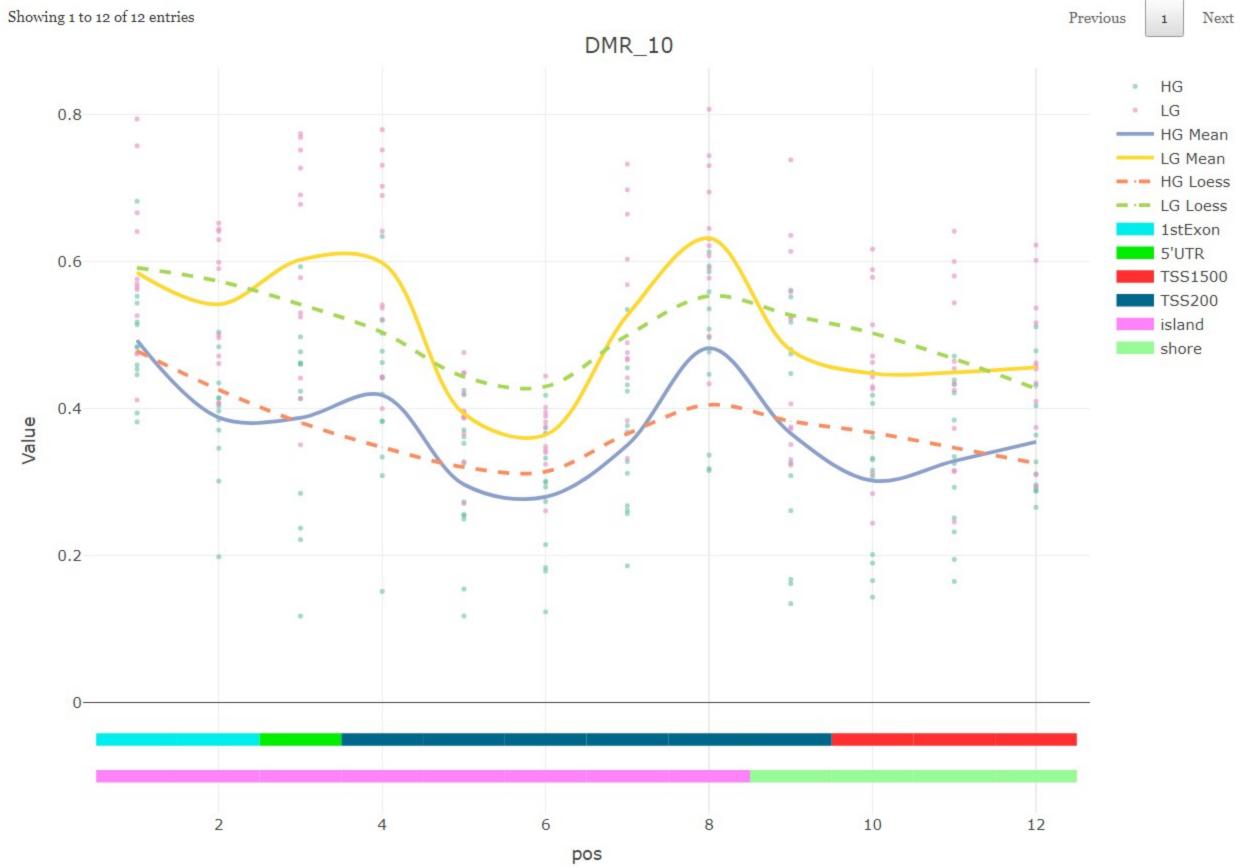


CpGtable **DMRPlot DMR**table Summary Show 8 ▼ entries Search: ID **DMRindex** CHR 🔷 MAPINFO + Strand + Type 🔷 gene 🔷 feature 🔷 cgi 🖣 feat.cgi F II TSS1500-shore cg09032066 cg09032066 DMR_32 CHL₁ TSS1500 shore 3 237955 TSS1500 F II CHL₁ shore TSS1500-shore DMR_32 237960 cg07171710 cg07171710 3 cg11165881 DMR_32 238048 F II CHL₁ TSS1500 shore TSS1500-shore cg11165881 3 R II CHL₁ TSS1500 shore TSS1500-shore DMR_32 238094 cg10513594 cg10513594 3 cg00891836 cg00891836 DMR_32 238134 F II CHL₁ TSS1500 shore TSS1500-shore 3 II CHL₁ TSS1500-shore DMR_32 238161 R TSS1500 shore cg00903242 cg00903242 3 Showing 1 to 6 of 6 entries Previous Next 1 DMR_32 HG LG HG Mean 0.6 - LG Mean HG Loess -- LG Loess TSS1500 0.5 shore 0.4 0.3 Value 0.2 0.1

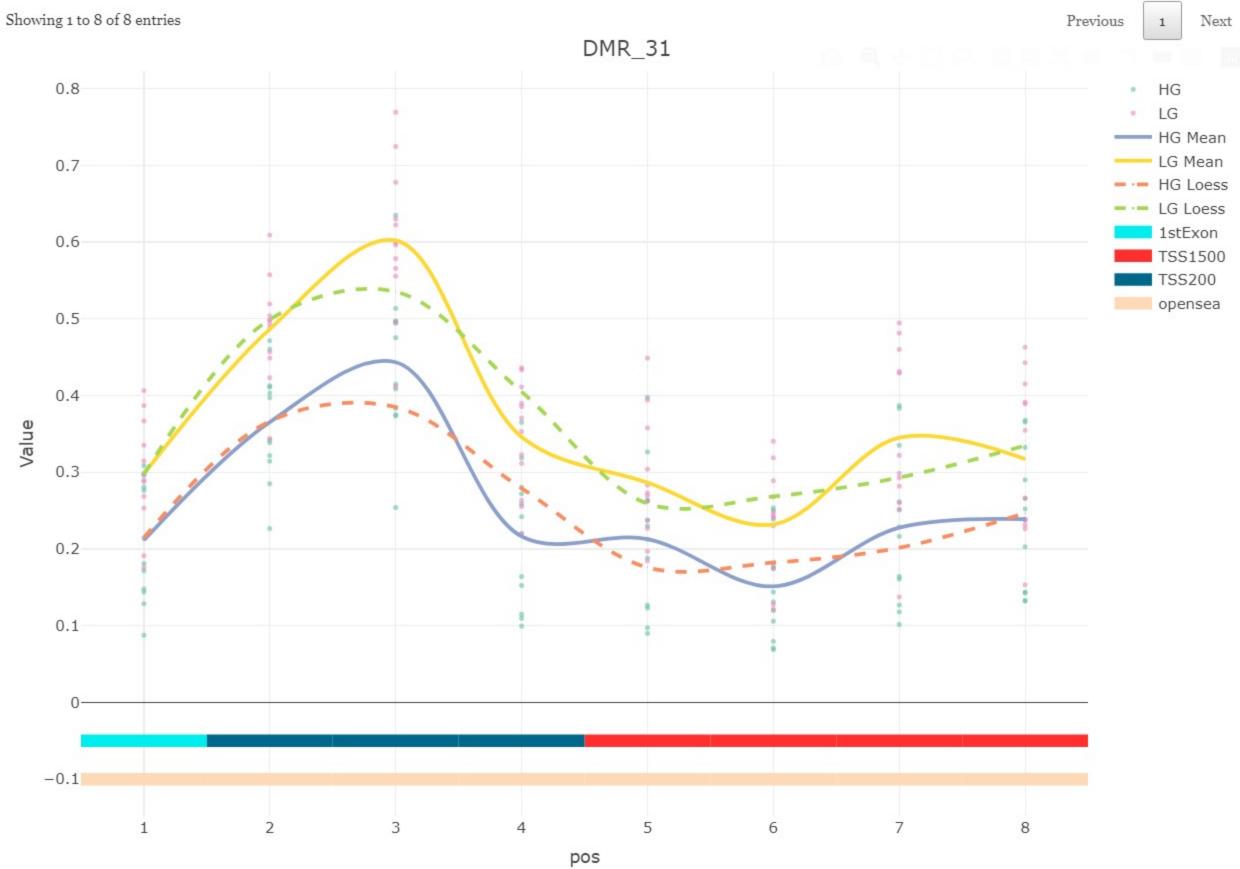
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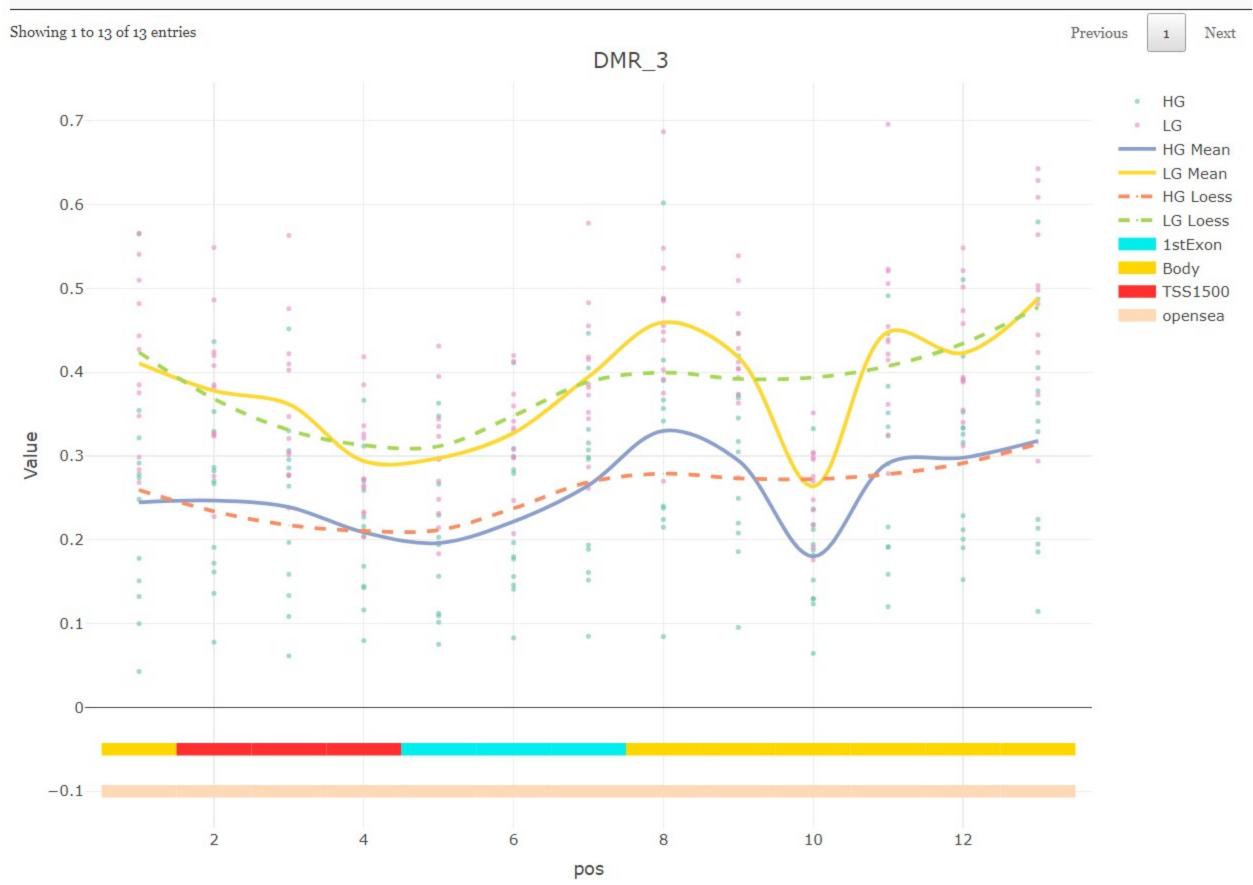
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cg07823492	cg07823492	DMR_10	17	46608099	R	I	HOXB1	ıstExon	island	1stExon-island
cg24948406	cg24948406	DMR_10	17	46608268	R	II	HOXB1	5'UTR	island	5'UTR-island
cg26634219	cg26634219	DMR_10	17	46608277	R	II	HOXB1	TSS200	island	TSS200-island
cg05726756	cg05726756	DMR_10	17	46608288	R	II	HOXB1	TSS200	island	TSS200-island
cg17233506	cg17233506	DMR_10	17	46608293	R	II	HOXB1	TSS200	island	TSS200-island
cg26687072	cg26687072	DMR_10	17	46608345	R	II	HOXB1	TSS200	island	TSS200-island
cg22660933	cg22660933	DMR_10	17	46608355	F	I	HOXB1	TSS200	island	TSS200-island
cgo8o76955	cgo8076955	DMR_10	17	46608462	F	II	HOXB1	TSS200	shore	TSS200-shore
cg18642924	cg18642924	DMR_10	17	46608486	R	II	HOXB1	TSS1500	shore	TSS1500-shore
cg13752649	cg13752649	DMR_10	17	46608559	R	II	HOXB1	TSS1500	shore	TSS1500-shore
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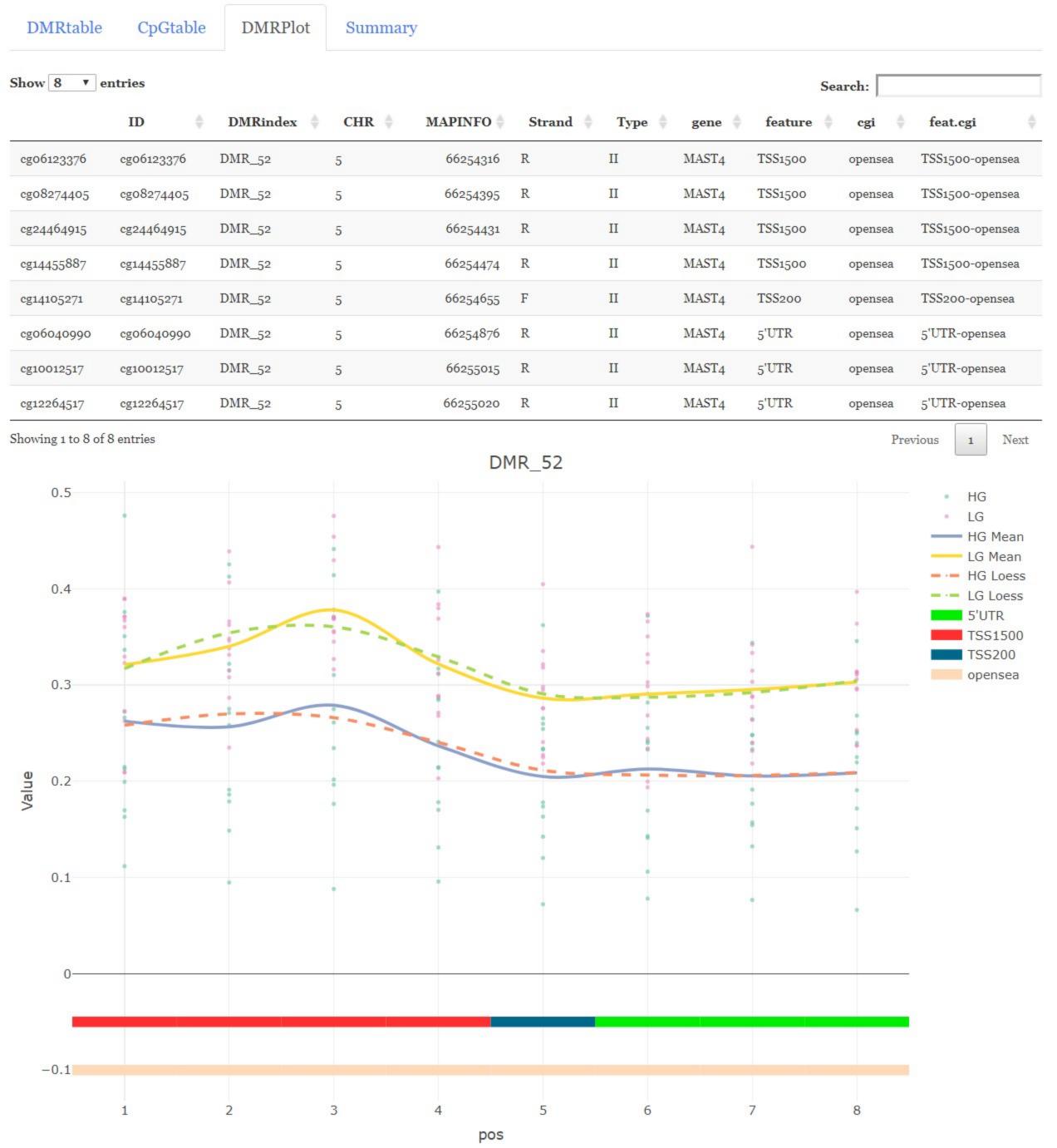


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cg22959054	cg22959054	DMR_31	12	16761114	F	II	LMO ₃	TSS200	opensea	TSS200-opensea		
cg16930572	cg16930572	DMR_31	12	16761118	F	II	LMO ₃	TSS200	opensea	TSS200-opensea		
cg03745994	cg03745994	DMR_31	12	16761299	F	II	LMO ₃	TSS200	opensea	TSS200-opensea		
cg11511443	cg11511443	DMR_31	12	16761406	F	II	LMO3	TSS1500	opensea	TSS1500-opensea		
cg26044490	cg26044490	DMR_31	12	16761419	R	II	LMO ₃	TSS1500	opensea	TSS1500-opensea		
cg00606190	cg00606190	DMR_31	12	16761702	F	II	LMO3	TSS1500	opensea	TSS1500-opensea		
cg10800369	cg10800369	DMR_31	12	16761930	R	II	LMO ₃	TSS1500	opensea	TSS1500-opensea		



how 25 ▼ 6	entries							Sea	Search:		
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cg16577593	cg16577593	DMR_3	5	138210550	F	II	LRRTM2	Body	opensea	Body-opensea	
cg16822914	cg16822914	DMR_3	5	138210632	R	II	CTNNA1	TSS1500	opensea	TSS1500-opensea	
cg17865528	cg17865528	DMR_3	5	138210634	F	II	CTNNA1	TSS1500	opensea	TSS1500-opensea	
cg14902598	cg14902598	DMR_3	5	138210650	F	II	CTNNA1	TSS1500	opensea	TSS1500-opensea	
cg20515447	cg20515447	DMR_3	5	138210749	R	II	LRRTM2	1stExon	opensea	1stExon-opensea	
cg06605984	cg06605984	DMR_3	5	138210906	R	II	LRRTM2	ıstExon	opensea	1stExon-opensea	
cg16777413	cg16777413	DMR_3	5	138211013	F	II	LRRTM2	1stExon	opensea	1stExon-opensea	
cg11677683	cg11677683	DMR_3	5	138211043	F	II	CTNNA1	Body	opensea	Body-opensea	
cg23184518	cg23184518	DMR_3	5	138211071	F	II	CTNNA1	Body	opensea	Body-opensea	
cg08771171	cg08771171	DMR_3	5	138211084	F	II	CTNNA1	Body	opensea	Body-opensea	
cg06606949	cg06606949	DMR_3	5	138211149	R	II	CTNNA1	Body	opensea	Body-opensea	
cg17315014	cg17315014	DMR_3	5	138211155	F	II	CTNNA1	Body	opensea	Body-opensea	
cg01156295	cg01156295	DMR_3	5	138211184	R	II	CTNNA1	Body	opensea	Body-opensea	







Show 8 v entries Search: ID DMRindex + CHR + MAPINFO + Strand Type 🔷 gene 👇 feature + cgi feat.cgi DMR_33 62795658 F II MYT1 TSS200 TSS200-opensea cg21367256 cg21367256 20 opensea 62795688 R MYT1 TSS200 TSS200-opensea cg12828073 cg12828073 DMR_33 II 20 opensea 62795807 F MYT1 cg16772207 cg16772207 DMR_33 20 II TSS200 opensea TSS200-opensea 62795830 R II MYT1 cg10071275 cg10071275 DMR_33 20 5'UTR opensea 5'UTR-opensea DMR_33 62795838 R II MYT1 5'UTR 5'UTR-opensea cg06235575 cg06235575 20 opensea cg02866152 cg02866152 DMR_33 20 62795846 F II MYT1 5'UTR 5'UTR-opensea opensea II cg25457884 62796136 R MYT1 5'UTR 5'UTR-opensea cg25457884 DMR_33 20 opensea II DMR_33 F MYT1 cg01555764 cg01555764 20 62796178 5'UTR opensea 5'UTR-opensea Showing 1 to 8 of 8 entries Previous Next 1 DMR_33 0.8 HG LG HG Mean 0.7 LG Mean HG Loess -- LG Loess 0.6 5'UTR TSS200 opensea 0.5 0.4 Value 0.3 0.2 0.1 -0.12 3 4 5 6 7 8 pos

CpGtable

DMRtable

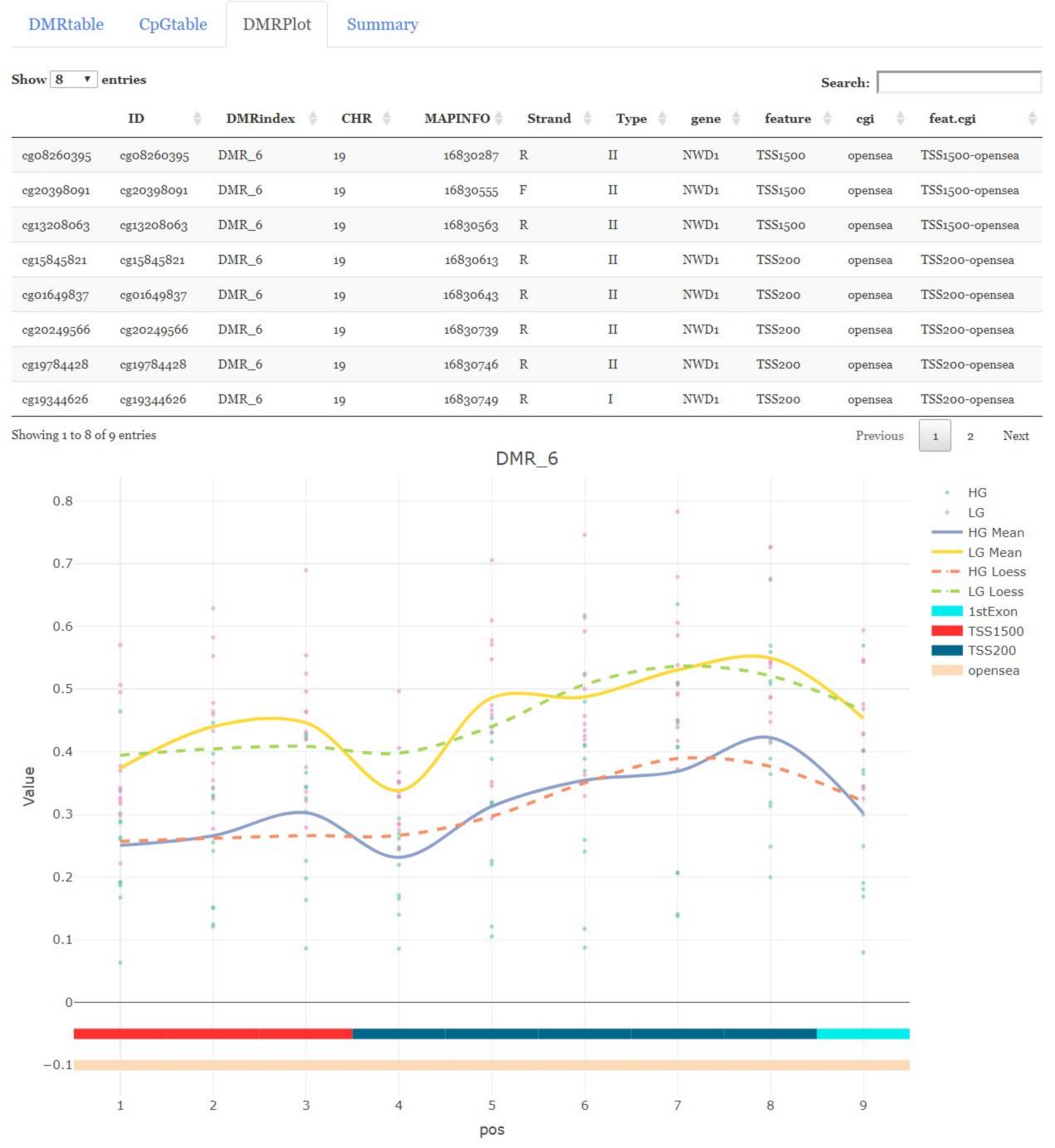
DMRPlot

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10435384	cg10435384	DMR_55	11	20044039	R	II	NAV2	TSS200	opensea	TSS200-opensea
01206071	cg01206071	DMR_55	11	20044133	R	II	NAV2	1stExon	opensea	1stExon-opensea
25915940	cg25915940	DMR_55	11	20044340	F	II	NAV2	1stExon	opensea	1stExon-opensea
19222784	cg19222784	DMR_55	11	20044428	F	II	NAV2	TSS1500	opensea	TSS1500-opensea
20949700	cg20949700	DMR_55	11	20044468	R	II	NAV2	Body	opensea	Body-opensea
09571376	cg09571376	DMR_55	11	20044622	R	II	NAV2	Body	opensea	Body-opensea
26869615	cg26869615	DMR_55	11	20044639	R	II	NAV2	Body	opensea	Body-opensea
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wing 1 to 8 of	o entries			1D	MR_55				Tie	vious 1 Ne
										HG Loes
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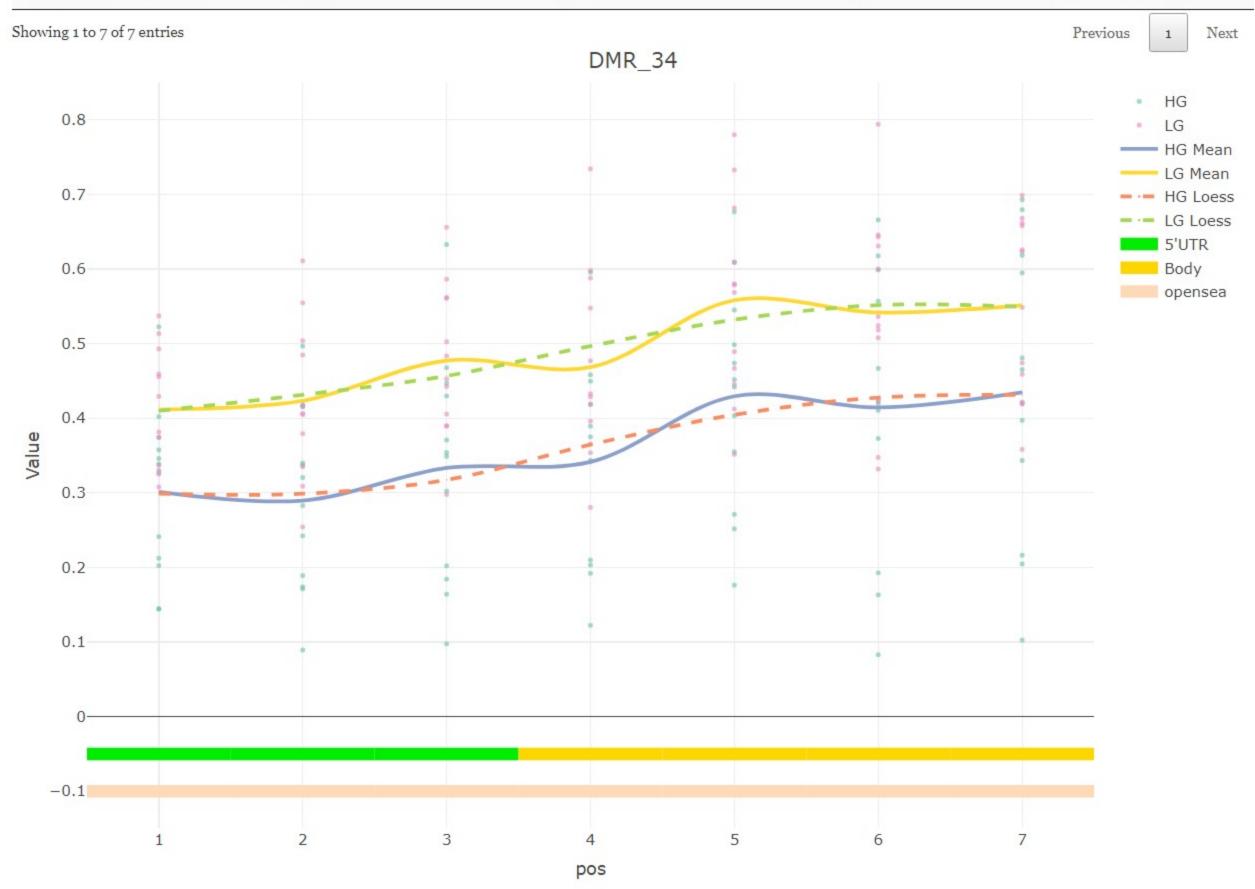
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cg18925980	cg18925980	DMR_54	1	6580110	F	II	PLEKHG5	1stExon	opensea	1stExon-opensea
cg04818845	cg04818845	DMR_54	1	6580167	R	II	PLEKHG5	TSS200	opensea	TSS200-opensea
cg04434328	cg04434328	DMR_54	1	6580173	R	II	PLEKHG5	TSS200	opensea	TSS200-opensea
cg13857119	cg13857119	DMR_54	1	6580308	F	II	PLEKHG5	TSS1500	opensea	TSS1500-opensea
cg02600878	cg02600878	DMR_54	1	6580311	F	II	PLEKHG5	TSS200	opensea	TSS200-opensea
cg07408569	cg07408569	DMR_54	1	6580387	R	II	PLEKHG5	TSS1500	opensea	TSS1500-opensea
cg06972903	cg06972903	DMR_54	1	6580525	F	II	PLEKHG5	TSS1500	opensea	TSS1500-opensea
Showing 1 to 8 of	8 entries			D	MR_54				Prev	vious 1 Next
0.6 0.5 0.4 0.2 0.1		2	3	4	5	6			8	HG LG HG Mean LG Mean HG Loess LG Loess IstExon S'UTR TSS1500 TSS200 opensea

pos

DMRtable CpGtable DMRPlot Summary

Show 8 v entries

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cg00346205	cg00346205	DMR_34	1	214169844	F	II	PROX1	5'UTR	opensea	5'UTR-opensea
cg17880661	cg17880661	DMR_34	1	214169870	R	II	PROX1	5'UTR	opensea	5'UTR-opensea
cg16382030	cg16382030	DMR_34	1	214169912	R	II	PROX1	Body	opensea	Body-opensea
cg22800590	cg22800590	DMR_34	1	214170114	F	II	PROX1	Body	opensea	Body-opensea
cg17829746	cg17829746	DMR_34	1	214170220	F	II	PROX1	Body	opensea	Body-opensea
cg25379954	cg25379954	DMR_34	1	214170241	F	II	PROX1	Body	opensea	Body-opensea



Show 8 v entries Search: ID DMRindex + CHR + MAPINFO + Strand + Type + gene 👇 feature feat.cgi cgi cg22676516 cg22676516 DMR_56 7 157808983 R Ι PTPRN₂ Body opensea Body-opensea cg00280858 DMR_56 F II PTPRN₂ Body cg00280858 7 157809235 Body-opensea opensea R II PTPRN₂ cg23455837 cg23455837 DMR_56 7 157809325 Body opensea Body-opensea R II PTPRN₂ DMR_56 157809385 Body Body-opensea cg26320504 cg26320504 7 opensea F PTPRN2 DMR_56 157809451 II Body Body-opensea cg24072927 cg24072927 7 opensea 157809500 PTPRN₂ cg15948324 cg15948324 DMR_56 F II Body Body-opensea 7 opensea DMR_56 R II PTPRN₂ Body-opensea 157809596 Body cg00239915 cg00239915 7 opensea F II PTPRN2 Body cg11805946 cg11805946 DMR_56 7 157809846 opensea Body-opensea Showing 1 to 8 of 8 entries Previous 1 Next DMR_56 HG LG 0.7 HG Mean LG Mean HG Loess LG Loess 0.6 Body opensea 0.5 0.4 Value 0.3 0.2 0.1 -0.13 7 2 4 5 6 8 1 pos

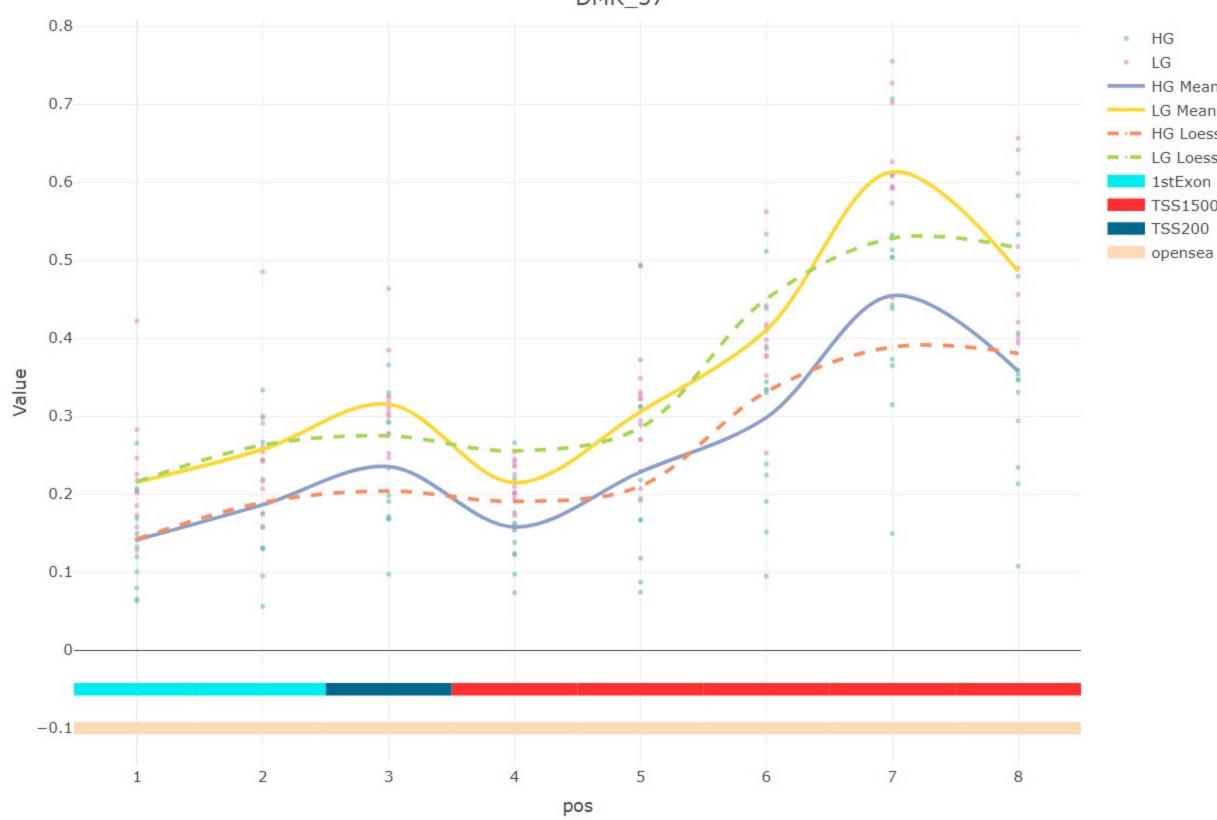
DMRtable

CpGtable

DMRPlot

Summary

how 8 v	ntries							Sea	arch:	
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cg06665622	cg06665622	DMR_37	6	46293571	F	II	RCAN2	TSS200	opensea	TSS200-opensea
cg00782811	cg00782811	DMR_37	6	46293734	F	II	RCAN ₂	TSS1500	opensea	TSS1500-opensea
cg19083007	cg19083007	DMR_37	6	46293862	R	II	RCAN ₂	TSS1500	opensea	TSS1500-opensea
cg05412882	cg05412882	DMR_37	6	46294074	F	II	RCAN ₂	TSS1500	opensea	TSS1500-opensea
cg04652496	cg04652496	DMR_37	6	46294097	F	II	RCAN2	TSS1500	opensea	TSS1500-opensea
cg02242527	cg02242527	DMR_37	6	46294138	R	II	RCAN ₂	TSS1500	opensea	TSS1500-opensea
nowing 1 to 8 of	8 entries			DI	MR_37	1			Prev	vious 1 Next
0.8										HGLGHG Mean
0.7									:	LG Mean HG Loess LG Loess
0.6							/		•	1stExon



DMRPlot DMRtable CpGtable Summary Show 8 v entries Search: Type | ID DMRindex + CHR 🌲 MAPINFO + Strand + gene feature feat.cgi cgi F cg19209895 II RGR cg19209895 DMR_44 86004281 TSS1500 TSS1500-opensea 10 opensea cg15780078 cg15780078 DMR_44 10 86004395 R II RGR TSS1500 opensea TSS1500-opensea F II RGR DMR_44 10 86004424 TSS1500 TSS1500-opensea cg02101307 cg02101307 opensea R II RGR cg13133883 cg13133883 DMR_44 86004660 TSS200 TSS200-opensea 10 opensea DMR_44 86004704 F II RGR TSS200 TSS200-opensea cg19009417 cg19009417 10 opensea 86004761 R II RGR TSS200 TSS200-opensea DMR_44 opensea cg00415971 cg00415971 10 cg06705986 86004888 R II RGR cg06705986 DMR_44 1stExon opensea 1stExon-opensea 10 R II RGR Body cg24660086 cg24660086 DMR_44 86005121 opensea Body-opensea 10 Showing 1 to 8 of 8 entries Previous Next 1 **DMR_44** HG LG 0.6 HG Mean LG Mean - - HG Loess LG Loess 0.5 1stExon Body TSS1500 TSS200 0.4 opensea 0.3 Value 0.2 0.1

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CpGtable **DMRPlot DMR**table Summary Show 8 ▼ entries Search: CHR + ID **DMRindex** MAPINFO | Strand | Type | gene feature 🍦 cgi feat.cgi cg04404381 cg04404381 DMR_20 70563580 R II SHANK2 Body shore Body-shore 11 cg08718050 cg08718050 DMR_20 70563677 F Ι SHANK2 Body island Body-island 11 F DMR_20 Ι SHANK2 Body island Body-island cg26429499 cg26429499 70563792 11 cg06088782 R I SHANK2 Body island Body-island cg06088782 DMR_20 11 70563839 II DMR_20 F SHANK2 Body island Body-island cg00646241 cg00646241 70563878 11 R DMR_20 II SHANK2 Body shore Body-shore cg24737505 cg24737505 11 70564116 IISHANK2 Body shore Body-shore cg16706687 cg16706687 DMR_20 70564293 11 I Body-shore cg13080721 cg13080721 DMR_20 11 R SHANK2 Body shore 70564414 Showing 1 to 8 of 8 entries Previous Next DMR_20 HG LG 0.7 HG Mean LG Mean HG Loess 0.6 LG Loess Body island 0.5 shore 0.4 0.3 0.2 0.1 -0.1

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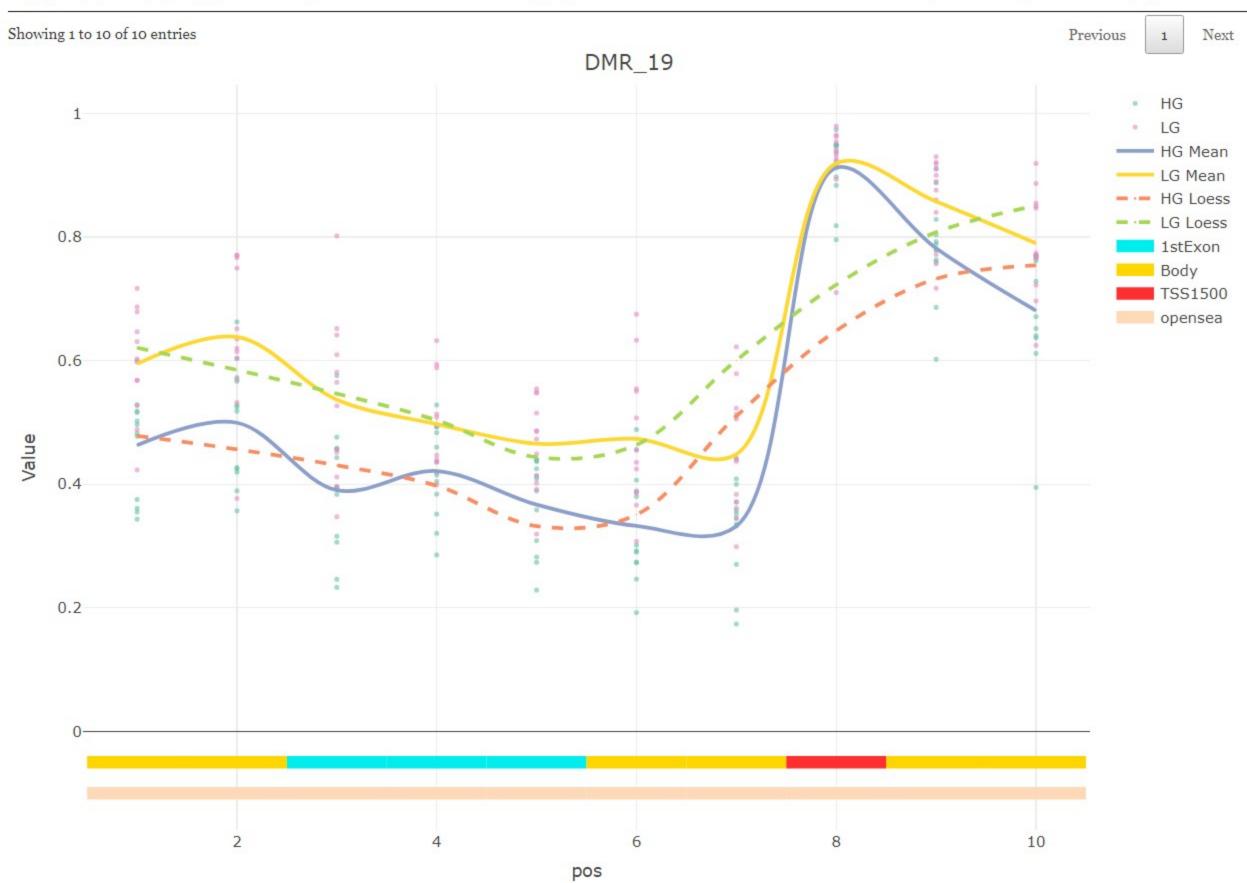
DMRtable CpGtable **DMRPlot** Summary Show 25 ▼ entries Search: ID CHR + MAPINFO -Strand | DMRindex = Type 🔷 feat.cgi gene feature cgi 186732926 F Ι SORBS₂ 5'UTR cg04392082 cg04392082 DMR_12 5'UTR-opensea 4 opensea 186732932 F II SORBS2 5'UTR-opensea cg02790305 cg02790305 DMR_12 5'UTR opensea 4 cg26785346 cg26785346 R II 5'UTR-opensea DMR_12 186732936 SORBS₂ 5'UTR opensea 4 186732942 F IISORBS₂ 5'UTR 5'UTR-opensea DMR_12 cg01933073 cg01933073 4 opensea cg18342119 DMR_12 186733011 F II SORBS2 TSS1500 TSS1500-opensea cg18342119 opensea 4 DMR_12 F II SORBS2 5'UTR-opensea 186733024 5'UTR cg13921444 cg13921444 opensea 4 cg04348265 186733060 F II SORBS₂ cg04348265 DMR_12 5'UTR opensea 5'UTR-opensea 4 F IISORBS₂ 5'UTR-opensea cg12066473 cg12066473 DMR_12 186733331 5'UTR opensea 4 R II SORBS₂ cg18566313 DMR_12 186733428 TSS200 TSS200-opensea cg18566313 4 opensea 186733590 SORBS₂ cg27262015 cg27262015 DMR_12 R II TSS1500 opensea TSS1500-opensea 4 Showing 1 to 10 of 10 entries Previous 1 Next DMR_12 HG LG HG Mean LG Mean HG Loess 0.8 LG Loess 5'UTR TSS1500 TSS200 opensea 0.6 Value 0.4 0.2 10

pos

CpGtable **DMR**table **DMRPlot** Summary Show 8 v entries Search: Strand | gene ID DMRindex CHR | MAPINFO + Type 🔷 feature 🔷 cgi 🔷 feat.cgi DMR_22 R II SSBP3 Body Body-shore cg04446568 cg04446568 shore 1 54723075 F Body Body-shore DMR_22 II SSBP3 shore cg22537280 cg22537280 1 54723213 F II SSBP3 Body-shore DMR_22 Body shore cg20568390 cg20568390 54723340 cg00838829 cg00838829 DMR_22 F II SSBP3 Body shore Body-shore 1 54723426 DMR_22 R II SSBP3 Body shore Body-shore cg17836913 cg17836913 1 54723679 I Body Body-island DMR_22 F SSBP3 island cg24672056 cg24672056 54723730 1 Showing 1 to 6 of 6 entries Previous Next 1 DMR_22 1 HG LG HG Mean LG Mean - HG Loess - LG Loess 0.8 Body island shore 0.6 Value 0.4 0.2 2 3 5 1 4 6 pos

DMRtable CpGtable **DMRPlot** Summary Show 10 ▼ entries Search: CHR + **DMRindex** ID MAPINFO = Strand + Type 🔷 feature 🔷 feat.cgi gene cgi cg03296204 DMR_11 R II TBC1D16 Body shore Body-shore cg03296204 17 77923971 island Body-island cg17367884 cg17367884 DMR_11 77924180 F I TBC1D16 Body 17 cg01084215 DMR_11 R II TBC1D16 Body island Body-island cg01084215 77924269 17 Body-island TBC1D16 DMR_11 R II Body island cg14505694 cg14505694 17 77924275 R Ι TBC1D16 Body island Body-island cg18749563 cg18749563 DMR_11 77924371 17 77924582 II Body-shore cg07618085 cg07618085 DMR_11 R TBC1D16 Body shore 17 Body-shore cg17295878 cg17295878 DMR_11 77924665 F I TBC1D16 Body shore 17 Body-shore DMR_11 R II TBC1D16 Body shore cg23651872 cg23651872 77924733 17 TSS200 cg25798632 R II TBC1D16 shore TSS200-shore cg25798632 DMR_11 17 77924774 Showing 1 to 9 of 9 entries Previous Next 1 DMR_11 HG LG HG Mean LG Mean 0.8 HG Loess - - LG Loess Body TSS200 island shore 0.6 Value 0.2 2 5 7 3 6 8 4 9 pos

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ID \$	DMRindex	CHR \$	MAPINFO ♦	Strand	Type 🌲	gene 🔷	feature 🏺	cgi 🌲	feat.cgi
cg16814719	DMR_19	8	134114834	R	II	TG	Body	opensea	Body-opensea
cg11155356	DMR_19	8	134114892	R	II	TG	Body	opensea	Body-opensea
cg13396967	DMR_19	8	134115055	F	II	SLA	ıstExon	opensea	1stExon-opensea
cg01333535	DMR_19	8	134115205	F	II	SLA	ıstExon	opensea	1stExon-opensea
cg22226832	DMR_19	8	134115210	F	II	SLA	ıstExon	opensea	1stExon-opensea
cg02951514	DMR_19	8	134115347	R	II	TG	Body	opensea	Body-opensea
cg17055993	DMR_19	8	134115431	F	II	TG	Body	opensea	Body-opensea
cg08048527	DMR_19	8	134115534	F	II	SLA	TSS1500	opensea	TSS1500-opensea
cg01064758	DMR_19	8	134115653	F	II	TG	Body	opensea	Body-opensea
cg03220363	DMR_19	8	134115661	F	II	TG	Body	opensea	Body-opensea
	cg16814719 cg11155356 cg13396967 cg01333535 cg22226832 cg02951514 cg17055993 cg08048527 cg01064758	ID DMRindex cg16814719 DMR_19 cg11155356 DMR_19 cg13396967 DMR_19 cg01333535 DMR_19 cg22226832 DMR_19 cg02951514 DMR_19 cg17055993 DMR_19 cg08048527 DMR_19 cg01064758 DMR_19	ID DMRindex CHR cg16814719 DMR_19 8 cg11155356 DMR_19 8 cg13396967 DMR_19 8 cg01333535 DMR_19 8 cg22226832 DMR_19 8 cg02951514 DMR_19 8 cg17055993 DMR_19 8 cg08048527 DMR_19 8 cg01064758 DMR_19 8	ID DMRindex CHR MAPINFO cg16814719 DMR_19 8 134114834 cg11155356 DMR_19 8 134114892 cg13396967 DMR_19 8 134115055 cg01333535 DMR_19 8 134115205 cg222226832 DMR_19 8 134115210 cg02951514 DMR_19 8 134115347 cg17055993 DMR_19 8 134115431 cg08048527 DMR_19 8 134115534 cg01064758 DMR_19 8 134115653	ID DMRindex CHR MAPINFO Strand cg16814719 DMR_19 8 134114834 R cg11155356 DMR_19 8 134114892 R cg13396967 DMR_19 8 134115055 F cg01333535 DMR_19 8 134115205 F cg22226832 DMR_19 8 134115210 F cg02951514 DMR_19 8 134115347 R cg17055993 DMR_19 8 134115431 F cg08048527 DMR_19 8 134115534 F cg01064758 DMR_19 8 134115653 F	ID DMRindex CHR MAPINFO Strand Type cg16814719 DMR_19 8 134114834 R II cg11155356 DMR_19 8 134114892 R II cg13396967 DMR_19 8 134115055 F II cg01333535 DMR_19 8 134115205 F II cg22226832 DMR_19 8 134115210 F II cg02951514 DMR_19 8 134115347 R II cg17055993 DMR_19 8 134115431 F II cg08048527 DMR_19 8 134115534 F II cg01064758 DMR_19 8 134115653 F II	ID DMRindex CHR MAPINFO Strand Type gene cg16814719 DMR_19 8 134114834 R II TG cg11155356 DMR_19 8 134114892 R II TG cg13396967 DMR_19 8 134115055 F II SLA cg01333535 DMR_19 8 134115205 F II SLA cg22226832 DMR_19 8 134115210 F II TG cg17055993 DMR_19 8 134115347 F II TG cg08048527 DMR_19 8 134115534 F II SLA cg01064758 DMR_19 8 134115653 F II TG	ID DMRindex CHR MAPINFO Strand Type gene feature cg16814719 DMR_19 8 134114834 R II TG Body cg11155356 DMR_19 8 134114892 R II TG Body cg13396967 DMR_19 8 134115055 F II SLA 1stExon cg01333535 DMR_19 8 134115205 F II SLA 1stExon cg22226832 DMR_19 8 134115210 F II SLA 1stExon cg02951514 DMR_19 8 134115347 R II TG Body cg17055993 DMR_19 8 134115431 F II TG Body cg08048527 DMR_19 8 134115653 F II TG Body	ID DMRindex CHR MAPINFO Strand Type gene feature cgi cg16814719 DMR_19 8 134114834 R II TG Body opensea cg11155356 DMR_19 8 134114892 R II TG Body opensea cg133396967 DMR_19 8 134115205 F II SLA 1stExon opensea cg01333535 DMR_19 8 134115210 F II SLA 1stExon opensea cg022226832 DMR_19 8 134115210 F II TG Body opensea cg02951514 DMR_19 8 134115347 R II TG Body opensea cg08048527 DMR_19 8 134115534 F II TG Body opensea cg01064758 DMR_19 8 134115653 F II TG Body opensea



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cg00872984	cg00872984	DMR_1	6	32063991	F	I	TNXB	Body	island	Body-island
cg27387193	cg27387193	DMR_1	6	32064032	F	I	TNXB	Body	island	Body-island
cg17662683	cg17662683	DMR_1	6	32064146	F	I	TNXB	Body	island	Body-island
cg01569346	cg01569346	DMR_1	6	32064148	F	I	TNXB	Body	island	Body-island
cg03421270	cg03421270	DMR_1	6	32064153	F	II	TNXB	Body	island	Body-island
cg19267551	cg19267551	DMR_1	6	32064161	F	I	TNXB	Body	island	Body-island
cg01992382	cg01992382	DMR_1	6	32064212	F	I	TNXB	Body	island	Body-island
cg16834823	cg16834823	DMR_1	6	32064218	F	I	TNXB	Body	island	Body-island
cg00525277	cg00525277	DMR_1	6	32064239	F	I	TNXB	Body	island	Body-island
cg10890302	cg10890302	DMR_1	6	32064246	F	I	TNXB	Body	island	Body-island
cg10923662	cg10923662	DMR_1	6	32064258	F	I	TNXB	Body	island	Body-island
cg03556669	cg03556669	DMR_1	6	32064497	F	I	TNXB	Body	island	Body-island
cg15196197	cg15196197	DMR_1	6	32064573	F	I	TNXB	Body	island	Body-island
cg13400512	cg13400512	DMR_1	6	32064578	F	I	TNXB	Body	island	Body-island
cg12694372	cg12694372	DMR_1	6	32064582	F	I	TNXB	Body	island	Body-island
cg15265085	cg15265085	DMR_1	6	32064588	F	I	TNXB	Body	island	Body-island
cg21642103	cg21642103	DMR_1	6	32064656	F	I	TNXB	Body	island	Body-island
cg13698691	cg13698691	DMR_1	6	32064660	F	I	TNXB	Body	island	Body-island
cg21342636	cg21342636	DMR_1	6	32064671	F	II	TNXB	Body	island	Body-island
cg01485117	cg01485117	DMR_1	6	32064677	F	I	TNXB	Body	island	Body-island
cg27081346	cg27081346	DMR_1	6	32064692	F	I	TNXB	Body	island	Body-island
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DMRtable CpGtable **DMRPlot** Summary Show 8 ▼ entries Search: ID DMRindex | CHR 🔷 MAPINFO | Strand 🔷 Type | feature feat.cgi gene 👇 cgi F IIcg26334154 cg26334154 DMR_30 3 42132310 TRAK1 TSS1500 opensea TSS1500-opensea DMR_30 F IITRAK1 TSS1500 TSS1500-opensea cg25494254 cg25494254 3 42132371 opensea II TRAK1 DMR_30 F TSS1500 TSS1500-opensea cg04028605 cg04028605 3 42132410 opensea F IITRAK1 cg14664089 cg14664089 DMR_30 TSS1500 TSS1500-opensea 3 42132470 opensea cg09899825 cg09899825 DMR_30 IITRAK1 TSS200 TSS200-opensea 3 42132646 opensea cg06890569 cg06890569 DMR_30 3 42132667 R II TRAK1 TSS200 opensea TSS200-opensea IIcg01486558 cg01486558 DMR_30 42132870 R TRAK1 1stExon 1stExon-opensea 3 opensea DMR_30 R II TRAK1 1stExon 1stExon-opensea cg09654300 cg09654300 3 42132991 opensea Showing 1 to 8 of 8 entries Previous 1 Next DMR_30 HG 0.8 LG HG Mean LG Mean 0.7 -- HG Loess LG Loess 1stExon 0.6 TSS1500 TSS200 opensea 0.5 0.4 Value 0.3 0.2 0.1 -0.12 3 5 6 7 8 4

pos

Supplementary Figure 1 Differentially methylated regions in the high-grade vs. low-grade areas in desmoplastic infantile astrocytoma/ganglioglioma. Specific probe ID, chromosome location (CHR), corresponding gene, and specific probe location in relation to the corresponding gene are indicated and plotted. Value: beta value.