

Additional file S9. Common differentially methylated CpGs (DMPs) found between FTD comparisons in brain.

Genetic Patients vs. Control							
CpG	Gene	MAPT vs. CTRL		GRN vs. CTRL		C9orf72 vs. CTRL	
		Beta difference	Adj.pval	Beta difference	Adj.pval	Beta difference	Adj.pval
cg17925226	<i>BMPR1B</i>	0.4267	0.0000	0.4659	0.0000	0.3109	0.0396
cg15829774	<i>BTBD8</i>	0.2624	0.0015	0.2631	0.0106	0.2514	0.0318
cg15950547	<i>FAM107B</i>	0.4573	0.0000	0.3335	0.0143	0.2913	0.0060
cg07902519	<i>MYBPC1</i>	0.3346	0.0108	0.3151	0.0164	0.3598	0.0048
cg06354054	<i>DHX37</i>	0.2989	0.0261	0.3303	0.0009	0.4019	0.0000
cg14168080	<i>PTPRN2</i>	0.3123	0.0380	0.4933	0.0000	0.2920	0.0263
cg13521643	<i>GNG10;</i> <i>DNAJC25-GNG10</i>	0.3253	0.0335	0.3193	0.0172	0.3306	0.0352
cg03958058	<i>PPP2R2D</i>	0.5544	0.0005	0.6698	0.0000	0.5128	0.0092
cg06174194	<i>PIK3CG</i>	0.2929	0.0030	0.3870	0.0001	0.4376	0.0002
cg15292356	<i>FOXK2</i>	0.3618	0.0191	0.3600	0.0006	0.3705	0.0074
cg00571519	<i>SRPK2</i>	0.3204	0.0483	0.4430	0.0020	0.3718	0.0391
cg17531142	<i>PVT1</i>	0.2611	0.0073	0.2648	0.0026	0.2675	0.0080
Sporadic Patients vs. Control							
CpG	Gene	sFTD-Tau vs. CTRL		sFTD-TDP43 vs. CTRL		Beta difference	Adj.pval
		Beta difference	Adj.pval	Beta difference	Adj.pval		
cg17925226	<i>BMPR1B</i>	0.3718	0.0007	0.4702	0.0000		
cg15829774	<i>BTBD8</i>	0.2576	0.0039	0.2643	0.0023		
cg07902519	<i>MYBPC1</i>	0.2503	0.0048	0.3108	0.0025		
cg00892228	<i>TAS1R2</i>	0.4058	0.0271	0.3074	0.0452		
cg20428144	<i>APOLD1</i>	0.2882	0.0000	0.2755	0.0000		
cg26178311	<i>DGCR14; TSSK2</i>	0.2821	0.0202	0.2971	0.0219		
cg15411736	<i>CLECL1</i>	0.2723	0.0000	0.2688	0.0000		
cg04242210	<i>DCLK1</i>	0.2926	0.0013	0.2746	0.0029		
cg19393008	<i>KRT82</i>	0.2728	0.0379	0.2771	0.0075		
cg27028557	<i>TPCN1</i>	0.2533	0.0095	0.2686	0.0000		
cg04103432	<i>COL3A1;</i> <i>MIR1245A</i>	0.2574	0.0017	0.3027	0.0000		
cg10737404	<i>USP13</i>	0.3940	0.0000	0.3676	0.0000		
cg15846907	<i>PRKCA</i>	0.2678	0.0002	0.2808	0.0000		
cg16645815	<i>INPP5A</i>	0.2608	0.0396	0.2860	0.0234		
cg11969330	<i>CYP4V2</i>	0.4223	0.0000	0.3371	0.0001		
cg01285783	<i>C6orf195</i>	0.2961	0.0003	0.3076	0.0000		
cg15516759	<i>APOL3</i>	0.2687	0.0000	0.2741	0.0000		

cg18405140	<i>STK11</i>	0.2534	0.0255	0.2521	0.0000
cg05928849	<i>ASAM</i>	0.2567	0.0077	0.2697	0.0000
cg17256465	<i>FNDC3B</i>	0.2681	0.0458	0.2786	0.0181
cg02535635	<i>CLTC</i>	0.2904	0.0000	0.3111	0.0000
cg22481673	<i>RD3</i>	0.3324	0.0142	0.2661	0.0004
cg13370086	<i>TTC22</i>	0.2985	0.0189	0.3138	0.0044
cg00729708	<i>LASS3</i>	0.4374	0.0000	0.4625	0.0000
cg18840580	<i>ESPL1</i>	0.2852	0.0022	0.2715	0.0000
cg13715467	<i>GUCY1A2</i>	0.3563	0.0069	0.3214	0.0043
cg12511848	<i>GADD45B</i>	0.3146	0.0007	0.2522	0.0000
cg14265677	<i>LINC00944</i>	0.2537	0.0444	0.2695	0.0128
cg07505631	<i>CDCP1</i>	0.5261	0.0028	0.3213	0.0098
cg25017994	<i>MOG</i>	-0.3089	0.0371	-0.2742	0.0000
cg22053010	<i>LINC00353</i>	0.3662	0.0428	0.3381	0.0395
cg08421632	<i>ANLN</i>	0.3779	0.0030	0.3735	0.0020
cg12515659	<i>FAM134B</i>	0.3377	0.0216	0.3946	0.0075
cg00571519	<i>SRPK2</i>	0.3691	0.0198	0.3841	0.0030
cg05834845	<i>MUC4</i>	0.3019	0.0000	0.2574	0.0009
cg23178186	<i>TOLLIP</i>	0.2674	0.0048	0.2669	0.0000
cg00853216	<i>SOX6</i>	0.3536	0.0437	0.3507	0.0172
cg16805094	<i>THBS2</i>	-0.2540	0.0235	-0.2571	0.0000
cg24996718	<i>CLCA2</i>	-0.3458	0.0000	-0.3872	0.0001
cg12852430	<i>SOX6</i>	0.2682	0.0208	0.2825	0.0074
cg18319872	<i>ITSN1</i>	0.2838	0.0001	0.2914	0.0000
cg04034998	<i>ADAM12</i>	0.2584	0.0398	0.2910	0.0077

For each common DMPs found, their correspondent gene, methylation Beta difference and adjusted-p value is shown. Hyper or hypomethylation determined by the Beta difference refers to the patients' group. Filters applied: adjusted-p value <0.05 and absolute value of Beta difference >0.25. Abbreviations: CTRL, healthy controls; MAPT, GRN, C9orf72, familial frontotemporal dementia caused by mutation in MAPT, GRN or C9orf72; sFTD-Tau, sporadic frontotemporal dementia with tau deposits; sFTD-TDP43, sporadic frontotemporal dementia with TDP43 deposits.