

Supplementary Table 3. Differentially methylated probes in PAX3–FOXO1 versus PAX7–FOXO1 tumors

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg07815799	0.711	0.184	0.528	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg00028678	0.709	0.176	0.533	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg00401745	0.683	0.198	0.485	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg11469778	0.689	0.260	0.429	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg06834427	0.794	0.367	0.427	0	NA	Hypermethylated in P3F versus P7F
cg12910906	0.630	0.223	0.406	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg11251215	0.807	0.505	0.302	0	NA	Hypermethylated in P3F versus P7F
cg26218698	0.471	0.145	0.326	0	NA	Hypermethylated in P3F versus P7F
cg25007705	0.652	0.382	0.270	0	NA	Hypermethylated in P3F versus P7F
cg13602816	0.660	0.272	0.388	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg02785604	0.737	0.388	0.350	0	NA	Hypermethylated in P3F versus P7F
cg07919128	0.709	0.367	0.342	0	NA	Hypermethylated in P3F versus P7F
cg01182863	0.858	0.527	0.331	0	NA	Hypermethylated in P3F versus P7F
cg06204745	0.685	0.185	0.500	0	NA	Hypermethylated in P3F versus P7F
cg05358723	0.683	0.336	0.346	0	NA	Hypermethylated in P3F versus P7F
cg13676583	0.695	0.367	0.327	0	DOK3	Hypermethylated in P3F versus P7F
cg09899564	0.846	0.529	0.317	0	NA	Hypermethylated in P3F versus P7F
cg16587616	0.460	0.134	0.326	0	KHDRBS2	Hypermethylated in P3F versus P7F
cg14446494	0.799	0.540	0.260	0	ARHGEF4	Hypermethylated in P3F versus P7F
cg01696226	0.645	0.171	0.475	0	NA	Hypermethylated in P3F versus P7F
cg23841608	0.520	0.233	0.287	0	NA	Hypermethylated in P3F versus P7F
cg11750962	0.753	0.399	0.353	0	NA	Hypermethylated in P3F versus P7F
cg25726128	0.792	0.446	0.346	0	NA	Hypermethylated in P3F versus P7F
cg23715104	0.782	0.476	0.306	0	SLC13A4	Hypermethylated in P3F versus P7F
cg06172859	0.813	0.534	0.280	0	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg07420163	0.553	0.151	0.402	0	NA	Hypermethylated in P3F versus P7F
cg25416479	0.771	0.455	0.317	0	NA	Hypermethylated in P3F versus P7F
cg21620107	0.723	0.297	0.426	0	NA	Hypermethylated in P3F versus P7F
cg20812772	0.820	0.482	0.338	0	NA	Hypermethylated in P3F versus P7F
cg09187505	0.733	0.270	0.463	0	NA	Hypermethylated in P3F versus P7F
cg10151367	0.522	0.233	0.289	0	NA	Hypermethylated in P3F versus P7F
cg19682134	0.575	0.254	0.321	0	NA	Hypermethylated in P3F versus P7F
cg13554818	0.657	0.254	0.404	0	NA	Hypermethylated in P3F versus P7F
cg02902915	0.736	0.439	0.297	0	NA	Hypermethylated in P3F versus P7F
cg01048445	0.709	0.320	0.389	0	NA	Hypermethylated in P3F versus P7F
cg23657707	0.852	0.481	0.370	0	NA	Hypermethylated in P3F versus P7F
cg01978246	0.788	0.461	0.327	0	NA	Hypermethylated in P3F versus P7F
cg12290671	0.784	0.526	0.259	0	NA	Hypermethylated in P3F versus P7F
cg03613433	0.628	0.270	0.357	0	NA	Hypermethylated in P3F versus P7F
cg17382310	0.824	0.542	0.282	0	SLC13A4	Hypermethylated in P3F versus P7F
cg26053881	0.715	0.370	0.346	0	NA	Hypermethylated in P3F versus P7F
cg24035595	0.867	0.586	0.281	0	NA	Hypermethylated in P3F versus P7F
cg07091593	0.558	0.087	0.471	0	BCL6	Hypermethylated in P3F versus P7F
cg11673291	0.603	0.224	0.379	0	NA	Hypermethylated in P3F versus P7F
cg10406526	0.703	0.244	0.459	0	NA	Hypermethylated in P3F versus P7F
cg00874873	0.795	0.504	0.291	0	NA	Hypermethylated in P3F versus P7F
cg26264896	0.688	0.372	0.316	0	NA	Hypermethylated in P3F versus P7F
cg17407455	0.803	0.496	0.307	0	NA	Hypermethylated in P3F versus P7F
cg24373865	0.698	0.337	0.361	0	NA	Hypermethylated in P3F versus P7F
cg01587682	0.746	0.351	0.395	0	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg14973055	0.707	0.444	0.263	0.000	NA	Hypermethylated in P3F versus P7F
cg08332071	0.779	0.433	0.345	0.000	JAM3	Hypermethylated in P3F versus P7F
cg24089935	0.365	0.060	0.306	0.000	NA	Hypermethylated in P3F versus P7F
cg27239280	0.612	0.314	0.298	0.000	CTF1	Hypermethylated in P3F versus P7F
cg12942328	0.496	0.080	0.417	0.001	BCL6	Hypermethylated in P3F versus P7F
cg26349416	0.824	0.562	0.263	0.001	NA	Hypermethylated in P3F versus P7F
cg15366555	0.715	0.455	0.260	0.001	DCTN1	Hypermethylated in P3F versus P7F
cg26464882	0.831	0.568	0.263	0.001	NA	Hypermethylated in P3F versus P7F
cg08890418	0.629	0.203	0.426	0.001	KIF17	Hypermethylated in P3F versus P7F
cg20342105	0.764	0.478	0.286	0.001	GNG3_BSCL2	Hypermethylated in P3F versus P7F
cg03642503	0.775	0.501	0.274	0.001	NA	Hypermethylated in P3F versus P7F
cg26913669	0.729	0.444	0.286	0.001	COL11A1	Hypermethylated in P3F versus P7F
cg26707709	0.476	0.183	0.293	0.001	NA	Hypermethylated in P3F versus P7F
cg11452571	0.492	0.046	0.446	0.001	NA	Hypermethylated in P3F versus P7F
cg08302650	0.828	0.467	0.361	0.001	NA	Hypermethylated in P3F versus P7F
cg00558702	0.526	0.216	0.311	0.001	NA	Hypermethylated in P3F versus P7F
cg11264539	0.761	0.499	0.262	0.001	BSCL2_GNG3	Hypermethylated in P3F versus P7F
cg09180564	0.491	0.157	0.333	0.001	NA	Hypermethylated in P3F versus P7F
cg01158415	0.729	0.457	0.272	0.001	NA	Hypermethylated in P3F versus P7F
cg14669274	0.613	0.179	0.434	0.001	NA	Hypermethylated in P3F versus P7F
cg07405330	0.694	0.382	0.312	0.001	NA	Hypermethylated in P3F versus P7F
cg24274117	0.645	0.178	0.467	0.001	NA	Hypermethylated in P3F versus P7F
cg13483916	0.496	0.073	0.423	0.001	NA	Hypermethylated in P3F versus P7F
cg20707679	0.481	0.046	0.435	0.001	NA	Hypermethylated in P3F versus P7F
cg05264446	0.551	0.147	0.404	0.001	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg20658709	0.678	0.346	0.333	0.001	NA	Hypermethylated in P3F versus P7F
cg17633576	0.682	0.345	0.337	0.001	NA	Hypermethylated in P3F versus P7F
cg03437164	0.760	0.450	0.310	0.001	NA	Hypermethylated in P3F versus P7F
cg12019990	0.862	0.603	0.259	0.001	NA	Hypermethylated in P3F versus P7F
cg22347212	0.572	0.229	0.342	0.001	FZD10	Hypermethylated in P3F versus P7F
cg01240795	0.679	0.311	0.368	0.001	NA	Hypermethylated in P3F versus P7F
cg23180925	0.707	0.440	0.267	0.001	NA	Hypermethylated in P3F versus P7F
cg26209990	0.742	0.454	0.288	0.001	NA	Hypermethylated in P3F versus P7F
cg11987780	0.626	0.359	0.267	0.001	NA	Hypermethylated in P3F versus P7F
cg11192223	0.602	0.306	0.296	0.001	NA	Hypermethylated in P3F versus P7F
cg26860182	0.587	0.193	0.394	0.001	FBRSL1	Hypermethylated in P3F versus P7F
cg00370303	0.597	0.155	0.441	0.001	FBRSL1	Hypermethylated in P3F versus P7F
cg10320997	0.713	0.462	0.251	0.001	SYNPO2	Hypermethylated in P3F versus P7F
cg12976582	0.646	0.319	0.327	0.001	HYAL2	Hypermethylated in P3F versus P7F
cg13510520	0.777	0.518	0.259	0.001	NA	Hypermethylated in P3F versus P7F
cg02002298	0.828	0.533	0.295	0.001	NA	Hypermethylated in P3F versus P7F
cg03875156	0.528	0.159	0.369	0.001	NA	Hypermethylated in P3F versus P7F
cg18562663	0.523	0.116	0.406	0.001	BCL6	Hypermethylated in P3F versus P7F
cg25043279	0.772	0.501	0.271	0.001	C7orf33	Hypermethylated in P3F versus P7F
cg22390040	0.707	0.318	0.389	0.001	NA	Hypermethylated in P3F versus P7F
cg12359697	0.580	0.122	0.458	0.001	NA	Hypermethylated in P3F versus P7F
cg05204566	0.674	0.368	0.307	0.001	NA	Hypermethylated in P3F versus P7F
cg18466162	0.759	0.422	0.337	0.001	NA	Hypermethylated in P3F versus P7F
cg02634628	0.584	0.292	0.292	0.001	NA	Hypermethylated in P3F versus P7F
cg01305186	0.683	0.283	0.400	0.001	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg19399220	0.580	0.295	0.285	0.001	NA	Hypermethylated in P3F versus P7F
cg04598774	0.621	0.297	0.324	0.001	NA	Hypermethylated in P3F versus P7F
cg23890800	0.610	0.175	0.435	0.001	FBRSL1	Hypermethylated in P3F versus P7F
cg13899132	0.769	0.446	0.323	0.001	NA	Hypermethylated in P3F versus P7F
cg21584710	0.664	0.400	0.264	0.001	NA	Hypermethylated in P3F versus P7F
cg25767504	0.756	0.433	0.324	0.001	NA	Hypermethylated in P3F versus P7F
cg26026416	0.521	0.067	0.455	0.001	NA	Hypermethylated in P3F versus P7F
cg01446692	0.727	0.445	0.282	0.001	CER1	Hypermethylated in P3F versus P7F
cg02148787	0.509	0.172	0.337	0.001	TCF7	Hypermethylated in P3F versus P7F
cg16584393	0.531	0.257	0.274	0.001	ANKRD30B	Hypermethylated in P3F versus P7F
cg19809734	0.738	0.484	0.254	0.001	NA	Hypermethylated in P3F versus P7F
cg16561155	0.751	0.474	0.276	0.001	NA	Hypermethylated in P3F versus P7F
cg27190398	0.551	0.285	0.266	0.001	NA	Hypermethylated in P3F versus P7F
cg08051575	0.554	0.195	0.359	0.001	NA	Hypermethylated in P3F versus P7F
cg05842175	0.807	0.516	0.291	0.001	NA	Hypermethylated in P3F versus P7F
cg21797718	0.768	0.461	0.307	0.001	NA	Hypermethylated in P3F versus P7F
cg22635676	0.789	0.398	0.391	0.001	NA	Hypermethylated in P3F versus P7F
cg08837627	0.403	0.151	0.252	0.001	NA	Hypermethylated in P3F versus P7F
cg00941258	0.588	0.175	0.413	0.001	NA	Hypermethylated in P3F versus P7F
cg13023210	0.431	0.150	0.281	0.001	NA	Hypermethylated in P3F versus P7F
cg10717312	0.715	0.412	0.302	0.001	NA	Hypermethylated in P3F versus P7F
cg19388016	0.530	0.049	0.482	0.001	NA	Hypermethylated in P3F versus P7F
cg01835695	0.642	0.377	0.265	0.001	MGAT1	Hypermethylated in P3F versus P7F
cg15439862	0.563	0.229	0.333	0.001	DSC3	Hypermethylated in P3F versus P7F
cg15676707	0.661	0.352	0.309	0.001	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg12147906	0.763	0.493	0.270	0.001	NA	Hypermethylated in P3F versus P7F
cg09486406	0.529	0.166	0.363	0.001	NA	Hypermethylated in P3F versus P7F
cg11854777	0.723	0.399	0.324	0.001	NA	Hypermethylated in P3F versus P7F
cg20596329	0.328	0.074	0.254	0.001	NA	Hypermethylated in P3F versus P7F
cg22975160	0.424	0.061	0.363	0.001	NA	Hypermethylated in P3F versus P7F
cg04007726	0.709	0.361	0.349	0.001	NA	Hypermethylated in P3F versus P7F
cg21184320	0.308	0.056	0.252	0.001	KIF17	Hypermethylated in P3F versus P7F
cg09029193	0.751	0.494	0.256	0.001	NA	Hypermethylated in P3F versus P7F
cg06073302	0.823	0.543	0.281	0.001	NA	Hypermethylated in P3F versus P7F
cg11363972	0.503	0.171	0.332	0.001	KCNQ1	Hypermethylated in P3F versus P7F
cg01427630	0.750	0.462	0.288	0.001	NA	Hypermethylated in P3F versus P7F
cg20978721	0.648	0.264	0.384	0.001	NA	Hypermethylated in P3F versus P7F
cg17611686	0.695	0.352	0.343	0.001	NA	Hypermethylated in P3F versus P7F
cg26670674	0.702	0.369	0.333	0.001	NA	Hypermethylated in P3F versus P7F
cg20580578	0.808	0.449	0.358	0.001	NA	Hypermethylated in P3F versus P7F
cg26307117	0.523	0.158	0.365	0.001	LTF	Hypermethylated in P3F versus P7F
cg25045113	0.650	0.313	0.337	0.001	MFSD6L	Hypermethylated in P3F versus P7F
cg12467933	0.613	0.239	0.374	0.001	NA	Hypermethylated in P3F versus P7F
cg16704797	0.825	0.570	0.255	0.001	NA	Hypermethylated in P3F versus P7F
cg02370232	0.702	0.349	0.353	0.001	NA	Hypermethylated in P3F versus P7F
cg27314002	0.605	0.221	0.384	0.001	LTF	Hypermethylated in P3F versus P7F
cg16296754	0.635	0.231	0.404	0.001	NA	Hypermethylated in P3F versus P7F
cg16066008	0.739	0.426	0.313	0.001	NA	Hypermethylated in P3F versus P7F
cg12182991	0.509	0.060	0.449	0.001	NA	Hypermethylated in P3F versus P7F
cg00163510	0.802	0.492	0.310	0.001	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg02073465	0.680	0.403	0.277	0.001	GCNT3	Hypermethylated in P3F versus P7F
cg20161275	0.809	0.511	0.299	0.001	NA	Hypermethylated in P3F versus P7F
cg06027254	0.681	0.307	0.374	0.001	NA	Hypermethylated in P3F versus P7F
cg26545918	0.709	0.456	0.253	0.001	NA	Hypermethylated in P3F versus P7F
cg07796220	0.472	0.219	0.253	0.001	MFSD6L	Hypermethylated in P3F versus P7F
cg23944925	0.654	0.380	0.274	0.001	NA	Hypermethylated in P3F versus P7F
cg10721834	0.594	0.242	0.352	0.001	NA	Hypermethylated in P3F versus P7F
cg26835675	0.711	0.418	0.293	0.001	NA	Hypermethylated in P3F versus P7F
cg13153009	0.756	0.412	0.344	0.001	NA	Hypermethylated in P3F versus P7F
cg16594139	0.626	0.329	0.297	0.001	HSD17B14	Hypermethylated in P3F versus P7F
cg12130768	0.555	0.245	0.309	0.001	NA	Hypermethylated in P3F versus P7F
cg16975587	0.599	0.217	0.381	0.001	NA	Hypermethylated in P3F versus P7F
cg13588403	0.811	0.560	0.251	0.001	NA	Hypermethylated in P3F versus P7F
cg02084087	0.617	0.327	0.291	0.001	NA	Hypermethylated in P3F versus P7F
cg11963912	0.631	0.375	0.256	0.001	NA	Hypermethylated in P3F versus P7F
cg25980042	0.718	0.410	0.309	0.001	NA	Hypermethylated in P3F versus P7F
cg12295918	0.401	0.120	0.280	0.001	LTF	Hypermethylated in P3F versus P7F
cg23097155	0.533	0.139	0.394	0.001	FBRSL1	Hypermethylated in P3F versus P7F
cg04965987	0.713	0.378	0.336	0.001	DSCR6	Hypermethylated in P3F versus P7F
cg17298181	0.548	0.129	0.419	0.001	NA	Hypermethylated in P3F versus P7F
cg04036049	0.664	0.400	0.265	0.001	NA	Hypermethylated in P3F versus P7F
cg22514075	0.775	0.521	0.254	0.001	NA	Hypermethylated in P3F versus P7F
cg14035045	0.618	0.359	0.259	0.001	HEMK1_C3orf18	Hypermethylated in P3F versus P7F
cg09793172	0.539	0.217	0.322	0.001	KIF17	Hypermethylated in P3F versus P7F
cg18450555	0.450	0.117	0.333	0.001	FBRSL1	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg18185958	0.699	0.351	0.348	0.001	NA	Hypermethylated in P3F versus P7F
cg09537620	0.660	0.303	0.356	0.001	NA	Hypermethylated in P3F versus P7F
cg17111846	0.604	0.338	0.267	0.001	C1orf185	Hypermethylated in P3F versus P7F
cg16465939	0.754	0.497	0.257	0.001	NA	Hypermethylated in P3F versus P7F
cg08065063	0.579	0.289	0.290	0.001	NA	Hypermethylated in P3F versus P7F
cg04716021	0.602	0.276	0.327	0.001	NA	Hypermethylated in P3F versus P7F
cg26328924	0.640	0.283	0.357	0.001	NA	Hypermethylated in P3F versus P7F
cg26927190	0.502	0.228	0.274	0.001	NA	Hypermethylated in P3F versus P7F
cg02346492	0.449	0.077	0.372	0.001	NA	Hypermethylated in P3F versus P7F
cg08749351	0.666	0.390	0.276	0.001	NA	Hypermethylated in P3F versus P7F
cg03905867	0.590	0.192	0.398	0.001	NA	Hypermethylated in P3F versus P7F
cg25755804	0.544	0.272	0.272	0.001	NA	Hypermethylated in P3F versus P7F
cg25361844	0.528	0.159	0.369	0.001	SIPA1	Hypermethylated in P3F versus P7F
cg02575483	0.730	0.453	0.278	0.001	NA	Hypermethylated in P3F versus P7F
cg00413250	0.712	0.420	0.292	0.001	NA	Hypermethylated in P3F versus P7F
cg27192854	0.737	0.471	0.266	0.001	NA	Hypermethylated in P3F versus P7F
cg12315284	0.724	0.383	0.341	0.001	NA	Hypermethylated in P3F versus P7F
cg00689612	0.692	0.428	0.264	0.001	NA	Hypermethylated in P3F versus P7F
cg20373326	0.569	0.303	0.266	0.001	HSD17B2	Hypermethylated in P3F versus P7F
cg27206603	0.441	0.181	0.259	0.001	NA	Hypermethylated in P3F versus P7F
cg22076614	0.685	0.344	0.341	0.001	NA	Hypermethylated in P3F versus P7F
cg01568919	0.561	0.179	0.382	0.001	FZD10	Hypermethylated in P3F versus P7F
cg21202355	0.435	0.159	0.276	0.001	NA	Hypermethylated in P3F versus P7F
cg10692636	0.768	0.486	0.282	0.001	NA	Hypermethylated in P3F versus P7F
cg15931168	0.747	0.426	0.320	0.001	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg09315696	0.638	0.348	0.290	0.001	NA	Hypermethylated in P3F versus P7F
cg00864474	0.477	0.127	0.350	0.001	NA	Hypermethylated in P3F versus P7F
cg22740492	0.604	0.287	0.317	0.001	NA	Hypermethylated in P3F versus P7F
cg21802055	0.453	0.066	0.388	0.001	NA	Hypermethylated in P3F versus P7F
cg03585329	0.695	0.384	0.311	0.001	NA	Hypermethylated in P3F versus P7F
cg18385371	0.632	0.367	0.265	0.001	NA	Hypermethylated in P3F versus P7F
cg24759337	0.681	0.294	0.386	0.001	NA	Hypermethylated in P3F versus P7F
cg13486528	0.589	0.239	0.350	0.001	NA	Hypermethylated in P3F versus P7F
cg08379987	0.507	0.205	0.302	0.001	NA	Hypermethylated in P3F versus P7F
cg07737175	0.731	0.457	0.275	0.001	NA	Hypermethylated in P3F versus P7F
cg20655334	0.763	0.478	0.284	0.001	NA	Hypermethylated in P3F versus P7F
cg25930780	0.450	0.110	0.340	0.001	NA	Hypermethylated in P3F versus P7F
cg12813792	0.774	0.511	0.263	0.001	C20orf85	Hypermethylated in P3F versus P7F
cg26019112	0.594	0.241	0.353	0.001	NA	Hypermethylated in P3F versus P7F
cg09990194	0.592	0.339	0.252	0.001	NA	Hypermethylated in P3F versus P7F
cg04560213	0.709	0.431	0.278	0.001	NA	Hypermethylated in P3F versus P7F
cg25741487	0.517	0.213	0.304	0.001	NA	Hypermethylated in P3F versus P7F
cg14339599	0.515	0.143	0.373	0.001	NA	Hypermethylated in P3F versus P7F
cg26886066	0.744	0.437	0.307	0.001	NA	Hypermethylated in P3F versus P7F
cg18259003	0.775	0.442	0.333	0.001	NA	Hypermethylated in P3F versus P7F
cg13493005	0.782	0.498	0.285	0.001	NA	Hypermethylated in P3F versus P7F
cg26596975	0.756	0.474	0.282	0.001	NA	Hypermethylated in P3F versus P7F
cg26058474	0.798	0.475	0.324	0.001	NA	Hypermethylated in P3F versus P7F
cg18980554	0.871	0.533	0.338	0.001	NA	Hypermethylated in P3F versus P7F
cg04504066	0.676	0.397	0.278	0.001	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg10304922	0.699	0.351	0.347	0.001	FBRSL1	Hypermethylated in P3F versus P7F
cg10678459	0.587	0.282	0.304	0.001	KCNQ1	Hypermethylated in P3F versus P7F
cg04910591	0.625	0.314	0.310	0.001	NA	Hypermethylated in P3F versus P7F
cg06120235	0.770	0.518	0.252	0.001	NA	Hypermethylated in P3F versus P7F
cg07674459	0.717	0.453	0.264	0.002	FLJ42289	Hypermethylated in P3F versus P7F
cg10503827	0.659	0.343	0.315	0.002	NA	Hypermethylated in P3F versus P7F
cg18851960	0.674	0.356	0.317	0.002	NA	Hypermethylated in P3F versus P7F
cg16615954	0.633	0.325	0.308	0.002	NA	Hypermethylated in P3F versus P7F
cg10072850	0.631	0.158	0.474	0.002	NA	Hypermethylated in P3F versus P7F
cg26430984	0.797	0.507	0.291	0.002	NA	Hypermethylated in P3F versus P7F
cg20116555	0.627	0.335	0.292	0.002	NA	Hypermethylated in P3F versus P7F
cg00485296	0.550	0.199	0.351	0.002	NME3	Hypermethylated in P3F versus P7F
cg04804648	0.593	0.294	0.300	0.002	NA	Hypermethylated in P3F versus P7F
cg19754520	0.806	0.535	0.272	0.002	NA	Hypermethylated in P3F versus P7F
cg25906442	0.494	0.149	0.345	0.002	C20orf85	Hypermethylated in P3F versus P7F
cg12955441	0.394	0.141	0.253	0.002	CCDC68	Hypermethylated in P3F versus P7F
cg07759247	0.656	0.344	0.312	0.002	NA	Hypermethylated in P3F versus P7F
cg22400303	0.737	0.453	0.284	0.002	NA	Hypermethylated in P3F versus P7F
cg11832722	0.447	0.170	0.276	0.002	DSC3	Hypermethylated in P3F versus P7F
cg08116462	0.645	0.330	0.315	0.002	NA	Hypermethylated in P3F versus P7F
cg06282596	0.727	0.390	0.338	0.002	NA	Hypermethylated in P3F versus P7F
cg10270430	0.710	0.390	0.320	0.002	NA	Hypermethylated in P3F versus P7F
cg04011925	0.676	0.407	0.269	0.002	NA	Hypermethylated in P3F versus P7F
cg23287710	0.632	0.377	0.254	0.002	NA	Hypermethylated in P3F versus P7F
cg26833602	0.382	0.127	0.255	0.002	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg14210726	0.694	0.408	0.286	0.002	NA	Hypermethylated in P3F versus P7F
cg16155858	0.659	0.369	0.290	0.002	NA	Hypermethylated in P3F versus P7F
cg00372375	0.712	0.348	0.364	0.002	MFHAS1	Hypermethylated in P3F versus P7F
cg18869061	0.760	0.363	0.397	0.002	NA	Hypermethylated in P3F versus P7F
cg25446890	0.676	0.387	0.288	0.002	NA	Hypermethylated in P3F versus P7F
cg24351901	0.547	0.251	0.296	0.002	NA	Hypermethylated in P3F versus P7F
cg07403865	0.521	0.173	0.348	0.002	NA	Hypermethylated in P3F versus P7F
cg06023994	0.775	0.465	0.310	0.002	NA	Hypermethylated in P3F versus P7F
cg09164206	0.797	0.497	0.300	0.002	NA	Hypermethylated in P3F versus P7F
cg25019648	0.608	0.172	0.436	0.002	NA	Hypermethylated in P3F versus P7F
cg26749245	0.615	0.307	0.307	0.002	NA	Hypermethylated in P3F versus P7F
cg25207248	0.496	0.184	0.311	0.002	NA	Hypermethylated in P3F versus P7F
cg19595750	0.708	0.331	0.377	0.002	FBRSL1	Hypermethylated in P3F versus P7F
cg07581395	0.486	0.209	0.277	0.002	NA	Hypermethylated in P3F versus P7F
cg01303141	0.745	0.461	0.284	0.002	NA	Hypermethylated in P3F versus P7F
cg16315106	0.748	0.476	0.272	0.002	NA	Hypermethylated in P3F versus P7F
cg18842310	0.580	0.281	0.299	0.002	NA	Hypermethylated in P3F versus P7F
cg10724576	0.765	0.510	0.255	0.002	NA	Hypermethylated in P3F versus P7F
cg19367256	0.729	0.435	0.295	0.002	NA	Hypermethylated in P3F versus P7F
cg11214243	0.412	0.103	0.309	0.002	SIPA1	Hypermethylated in P3F versus P7F
cg20474425	0.626	0.274	0.351	0.002	NA	Hypermethylated in P3F versus P7F
cg26882224	0.795	0.515	0.280	0.002	NA	Hypermethylated in P3F versus P7F
cg23125492	0.592	0.289	0.303	0.002	NA	Hypermethylated in P3F versus P7F
cg07484827	0.683	0.397	0.286	0.002	CHRNA10	Hypermethylated in P3F versus P7F
cg18603228	0.433	0.107	0.326	0.002	FBLN2	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg15613048	0.564	0.188	0.376	0.002	KIF17	Hypermethylated in P3F versus P7F
cg19155932	0.479	0.161	0.318	0.002	C20orf85	Hypermethylated in P3F versus P7F
cg21428954	0.711	0.396	0.315	0.002	NA	Hypermethylated in P3F versus P7F
cg16503628	0.782	0.496	0.286	0.002	NA	Hypermethylated in P3F versus P7F
cg04982308	0.731	0.319	0.413	0.002	NA	Hypermethylated in P3F versus P7F
cg21545857	0.675	0.421	0.254	0.002	NA	Hypermethylated in P3F versus P7F
cg05617413	0.684	0.321	0.363	0.002	FBRSL1	Hypermethylated in P3F versus P7F
cg08368094	0.722	0.469	0.253	0.002	NA	Hypermethylated in P3F versus P7F
cg24800655	0.630	0.296	0.334	0.002	FBRSL1	Hypermethylated in P3F versus P7F
cg10943191	0.454	0.162	0.292	0.002	NA	Hypermethylated in P3F versus P7F
cg20265748	0.745	0.449	0.296	0.002	NA	Hypermethylated in P3F versus P7F
cg07994696	0.637	0.361	0.276	0.002	LITAF	Hypermethylated in P3F versus P7F
cg03933131	0.401	0.133	0.268	0.002	LTF	Hypermethylated in P3F versus P7F
cg02351655	0.729	0.450	0.279	0.002	NA	Hypermethylated in P3F versus P7F
cg05514909	0.694	0.312	0.383	0.002	NA	Hypermethylated in P3F versus P7F
cg06422883	0.674	0.332	0.342	0.002	NA	Hypermethylated in P3F versus P7F
cg25647300	0.638	0.375	0.262	0.002	NA	Hypermethylated in P3F versus P7F
cg16886987	0.724	0.383	0.341	0.002	DSCR6	Hypermethylated in P3F versus P7F
cg02247591	0.455	0.133	0.322	0.002	NA	Hypermethylated in P3F versus P7F
cg08554536	0.752	0.501	0.251	0.002	NA	Hypermethylated in P3F versus P7F
cg23491743	0.756	0.443	0.313	0.002	NA	Hypermethylated in P3F versus P7F
cg07688604	0.652	0.327	0.326	0.002	FBRSL1	Hypermethylated in P3F versus P7F
cg22660447	0.655	0.343	0.311	0.002	NA	Hypermethylated in P3F versus P7F
cg19228647	0.616	0.335	0.282	0.002	NA	Hypermethylated in P3F versus P7F
cg17566325	0.598	0.250	0.348	0.002	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg22850587	0.391	0.072	0.319	0.002	NA	Hypermethylated in P3F versus P7F
cg17343253	0.650	0.338	0.312	0.002	NA	Hypermethylated in P3F versus P7F
cg13037201	0.614	0.264	0.350	0.002	NA	Hypermethylated in P3F versus P7F
cg25611369	0.637	0.332	0.305	0.002	NA	Hypermethylated in P3F versus P7F
cg09991306	0.749	0.374	0.376	0.002	NA	Hypermethylated in P3F versus P7F
cg18409732	0.603	0.231	0.373	0.002	NA	Hypermethylated in P3F versus P7F
cg02343962	0.703	0.357	0.346	0.002	NA	Hypermethylated in P3F versus P7F
cg00100703	0.706	0.453	0.253	0.002	NA	Hypermethylated in P3F versus P7F
cg21202178	0.681	0.408	0.273	0.002	NA	Hypermethylated in P3F versus P7F
cg00900231	0.842	0.542	0.301	0.002	NA	Hypermethylated in P3F versus P7F
cg13724379	0.475	0.118	0.357	0.002	NA	Hypermethylated in P3F versus P7F
cg12977772	0.598	0.303	0.295	0.002	NA	Hypermethylated in P3F versus P7F
cg13133304	0.712	0.433	0.279	0.002	NA	Hypermethylated in P3F versus P7F
cg12643917	0.687	0.280	0.408	0.002	NA	Hypermethylated in P3F versus P7F
cg17527798	0.608	0.308	0.301	0.002	LTF	Hypermethylated in P3F versus P7F
cg25902939	0.699	0.335	0.364	0.002	NA	Hypermethylated in P3F versus P7F
cg15849703	0.650	0.391	0.260	0.002	NA	Hypermethylated in P3F versus P7F
cg24138419	0.771	0.517	0.254	0.002	NA	Hypermethylated in P3F versus P7F
cg23675401	0.441	0.142	0.298	0.002	NA	Hypermethylated in P3F versus P7F
cg10265258	0.790	0.524	0.266	0.002	NA	Hypermethylated in P3F versus P7F
cg12975790	0.747	0.463	0.284	0.002	NA	Hypermethylated in P3F versus P7F
cg17145370	0.664	0.361	0.303	0.002	NA	Hypermethylated in P3F versus P7F
cg19244562	0.736	0.441	0.295	0.002	NA	Hypermethylated in P3F versus P7F
cg16498194	0.421	0.171	0.251	0.002	FZD10	Hypermethylated in P3F versus P7F
cg13399544	0.621	0.353	0.268	0.002	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg05092308	0.518	0.184	0.333	0.002	NA	Hypermethylated in P3F versus P7F
cg01156550	0.619	0.280	0.340	0.002	ASCL2	Hypermethylated in P3F versus P7F
cg25147622	0.762	0.502	0.260	0.002	NA	Hypermethylated in P3F versus P7F
cg06539449	0.710	0.356	0.355	0.002	NA	Hypermethylated in P3F versus P7F
cg02455820	0.611	0.226	0.385	0.002	NA	Hypermethylated in P3F versus P7F
cg20367852	0.502	0.167	0.335	0.002	NA	Hypermethylated in P3F versus P7F
cg08651867	0.389	0.089	0.300	0.002	NA	Hypermethylated in P3F versus P7F
cg04098176	0.763	0.506	0.257	0.002	TSPYL6	Hypermethylated in P3F versus P7F
cg04411052	0.707	0.396	0.310	0.002	NA	Hypermethylated in P3F versus P7F
cg08528970	0.580	0.307	0.272	0.002	NA	Hypermethylated in P3F versus P7F
cg02983759	0.648	0.386	0.262	0.002	NCRNA00111	Hypermethylated in P3F versus P7F
cg18362448	0.717	0.366	0.351	0.002	NA	Hypermethylated in P3F versus P7F
cg03893150	0.547	0.225	0.323	0.002	TNFRSF25	Hypermethylated in P3F versus P7F
cg20562447	0.508	0.170	0.338	0.002	NA	Hypermethylated in P3F versus P7F
cg15164180	0.497	0.246	0.251	0.002	NA	Hypermethylated in P3F versus P7F
cg03254538	0.633	0.381	0.252	0.002	NA	Hypermethylated in P3F versus P7F
cg00225830	0.801	0.512	0.289	0.002	NA	Hypermethylated in P3F versus P7F
cg16090330	0.701	0.435	0.265	0.002	NA	Hypermethylated in P3F versus P7F
cg23733845	0.724	0.445	0.279	0.002	NA	Hypermethylated in P3F versus P7F
cg27419327	0.459	0.178	0.282	0.002	NA	Hypermethylated in P3F versus P7F
cg05038469	0.695	0.409	0.286	0.002	NA	Hypermethylated in P3F versus P7F
cg19800032	0.714	0.373	0.341	0.002	NA	Hypermethylated in P3F versus P7F
cg19216817	0.648	0.395	0.253	0.002	NA	Hypermethylated in P3F versus P7F
cg17679987	0.658	0.406	0.252	0.002	NA	Hypermethylated in P3F versus P7F
cg17680089	0.819	0.515	0.305	0.002	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg05163329	0.752	0.443	0.309	0.002	NA	Hypermethylated in P3F versus P7F
cg19431274	0.565	0.297	0.269	0.002	NA	Hypermethylated in P3F versus P7F
cg08369872	0.533	0.108	0.425	0.002	DERL3	Hypermethylated in P3F versus P7F
cg08683147	0.808	0.549	0.259	0.002	NA	Hypermethylated in P3F versus P7F
cg17142432	0.676	0.310	0.366	0.002	NA	Hypermethylated in P3F versus P7F
cg04624110	0.439	0.124	0.315	0.002	MACROD2	Hypermethylated in P3F versus P7F
cg05575614	0.432	0.121	0.311	0.002	NA	Hypermethylated in P3F versus P7F
cg10776862	0.471	0.186	0.285	0.002	NA	Hypermethylated in P3F versus P7F
cg24136700	0.633	0.325	0.308	0.002	NA	Hypermethylated in P3F versus P7F
cg27333099	0.635	0.381	0.253	0.002	BTNL8	Hypermethylated in P3F versus P7F
cg16574871	0.532	0.282	0.251	0.002	NA	Hypermethylated in P3F versus P7F
cg02646021	0.719	0.388	0.331	0.002	NA	Hypermethylated in P3F versus P7F
cg13525877	0.809	0.529	0.280	0.002	NA	Hypermethylated in P3F versus P7F
cg07333715	0.615	0.215	0.400	0.002	ASCL2	Hypermethylated in P3F versus P7F
cg12932306	0.520	0.223	0.297	0.002	NA	Hypermethylated in P3F versus P7F
cg14500486	0.589	0.225	0.365	0.002	NA	Hypermethylated in P3F versus P7F
cg06878108	0.653	0.385	0.269	0.002	NA	Hypermethylated in P3F versus P7F
cg08458733	0.624	0.325	0.298	0.002	NA	Hypermethylated in P3F versus P7F
cg06482019	0.544	0.162	0.382	0.002	NA	Hypermethylated in P3F versus P7F
cg15671317	0.627	0.327	0.301	0.002	NA	Hypermethylated in P3F versus P7F
cg11433622	0.597	0.175	0.422	0.002	NA	Hypermethylated in P3F versus P7F
cg05690644	0.469	0.146	0.323	0.002	NA	Hypermethylated in P3F versus P7F
cg03087163	0.697	0.368	0.330	0.003	NA	Hypermethylated in P3F versus P7F
cg18562935	0.683	0.382	0.300	0.003	C20orf85	Hypermethylated in P3F versus P7F
cg25478037	0.834	0.526	0.308	0.003	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg11469061	0.622	0.292	0.329	0.003	NA	Hypermethylated in P3F versus P7F
cg17345450	0.658	0.397	0.262	0.003	NA	Hypermethylated in P3F versus P7F
cg17620121	0.408	0.102	0.306	0.003	C7orf20	Hypermethylated in P3F versus P7F
cg25825627	0.584	0.228	0.356	0.003	NA	Hypermethylated in P3F versus P7F
cg04777726	0.739	0.419	0.320	0.003	HSD17B14	Hypermethylated in P3F versus P7F
cg01636650	0.805	0.542	0.263	0.003	NA	Hypermethylated in P3F versus P7F
cg19945931	0.677	0.271	0.406	0.003	NA	Hypermethylated in P3F versus P7F
cg07146104	0.690	0.436	0.254	0.003	NA	Hypermethylated in P3F versus P7F
cg01618102	0.814	0.560	0.254	0.003	NA	Hypermethylated in P3F versus P7F
cg03080965	0.552	0.208	0.344	0.003	NME3	Hypermethylated in P3F versus P7F
cg02246426	0.604	0.315	0.289	0.003	NA	Hypermethylated in P3F versus P7F
cg08222913	0.662	0.386	0.276	0.003	NA	Hypermethylated in P3F versus P7F
cg09322259	0.357	0.055	0.302	0.003	NA	Hypermethylated in P3F versus P7F
cg07225966	0.581	0.199	0.381	0.003	CYP26C1	Hypermethylated in P3F versus P7F
cg15644671	0.720	0.421	0.299	0.003	CYP26C1	Hypermethylated in P3F versus P7F
cg23169957	0.381	0.112	0.268	0.003	MACROD2	Hypermethylated in P3F versus P7F
cg07861790	0.767	0.477	0.290	0.003	NA	Hypermethylated in P3F versus P7F
cg00070899	0.704	0.355	0.348	0.003	NA	Hypermethylated in P3F versus P7F
cg02276807	0.635	0.234	0.401	0.003	NA	Hypermethylated in P3F versus P7F
cg18499839	0.368	0.080	0.289	0.003	NA	Hypermethylated in P3F versus P7F
cg16710124	0.774	0.415	0.359	0.003	NA	Hypermethylated in P3F versus P7F
cg03774514	0.479	0.141	0.337	0.003	NA	Hypermethylated in P3F versus P7F
cg23669855	0.751	0.424	0.328	0.003	NA	Hypermethylated in P3F versus P7F
cg20723436	0.588	0.329	0.259	0.003	NA	Hypermethylated in P3F versus P7F
cg04938549	0.640	0.369	0.270	0.003	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg24980572	0.676	0.341	0.334	0.003	NA	Hypermethylated in P3F versus P7F
cg06147752	0.756	0.454	0.302	0.003	NA	Hypermethylated in P3F versus P7F
cg09267483	0.620	0.261	0.359	0.003	NA	Hypermethylated in P3F versus P7F
cg01896761	0.525	0.141	0.384	0.003	FBLN2	Hypermethylated in P3F versus P7F
cg25074426	0.634	0.336	0.299	0.003	NA	Hypermethylated in P3F versus P7F
cg24974704	0.709	0.413	0.296	0.003	NA	Hypermethylated in P3F versus P7F
cg04220104	0.707	0.435	0.272	0.003	NA	Hypermethylated in P3F versus P7F
cg18437209	0.507	0.217	0.290	0.003	NA	Hypermethylated in P3F versus P7F
cg16202340	0.379	0.080	0.299	0.003	NA	Hypermethylated in P3F versus P7F
cg05901357	0.541	0.197	0.344	0.003	NA	Hypermethylated in P3F versus P7F
cg15101980	0.528	0.277	0.251	0.003	ARSI	Hypermethylated in P3F versus P7F
cg16167052	0.702	0.412	0.290	0.003	PNMAL2	Hypermethylated in P3F versus P7F
cg05090695	0.478	0.133	0.345	0.003	CDKN1C	Hypermethylated in P3F versus P7F
cg08534443	0.621	0.319	0.303	0.003	NA	Hypermethylated in P3F versus P7F
cg16616521	0.622	0.225	0.397	0.003	NA	Hypermethylated in P3F versus P7F
cg23574802	0.615	0.283	0.332	0.003	NA	Hypermethylated in P3F versus P7F
cg19618897	0.583	0.327	0.256	0.003	NA	Hypermethylated in P3F versus P7F
cg24758426	0.602	0.200	0.402	0.003	NA	Hypermethylated in P3F versus P7F
cg18471929	0.817	0.567	0.250	0.003	NA	Hypermethylated in P3F versus P7F
cg18531916	0.712	0.431	0.281	0.003	NA	Hypermethylated in P3F versus P7F
cg19640526	0.677	0.324	0.353	0.003	NA	Hypermethylated in P3F versus P7F
cg26731327	0.478	0.110	0.368	0.003	NA	Hypermethylated in P3F versus P7F
cg20202112	0.878	0.625	0.253	0.003	DCTN1	Hypermethylated in P3F versus P7F
cg01782059	0.731	0.330	0.401	0.003	NA	Hypermethylated in P3F versus P7F
cg23726831	0.733	0.420	0.312	0.003	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg12348588	0.703	0.379	0.323	0.003	NA	Hypermethylated in P3F versus P7F
cg11453712	0.679	0.294	0.385	0.003	PHPT1	Hypermethylated in P3F versus P7F
cg11756870	0.467	0.202	0.265	0.003	NA	Hypermethylated in P3F versus P7F
cg11417653	0.504	0.136	0.369	0.003	DERL3	Hypermethylated in P3F versus P7F
cg20229800	0.646	0.347	0.299	0.003	NA	Hypermethylated in P3F versus P7F
cg14073497	0.568	0.199	0.370	0.003	NA	Hypermethylated in P3F versus P7F
cg11392776	0.631	0.315	0.317	0.003	NA	Hypermethylated in P3F versus P7F
cg17789713	0.761	0.477	0.285	0.003	NA	Hypermethylated in P3F versus P7F
cg18067847	0.662	0.324	0.338	0.003	DYSF	Hypermethylated in P3F versus P7F
cg27244773	0.789	0.473	0.316	0.003	ARHGAP27	Hypermethylated in P3F versus P7F
cg04600253	0.756	0.475	0.281	0.003	NA	Hypermethylated in P3F versus P7F
cg07889505	0.645	0.286	0.359	0.003	NA	Hypermethylated in P3F versus P7F
cg16681199	0.562	0.275	0.286	0.003	NA	Hypermethylated in P3F versus P7F
cg23708763	0.695	0.398	0.297	0.003	NA	Hypermethylated in P3F versus P7F
cg02993069	0.558	0.295	0.263	0.003	NA	Hypermethylated in P3F versus P7F
cg07655948	0.615	0.259	0.356	0.003	C20orf85	Hypermethylated in P3F versus P7F
cg12161971	0.852	0.527	0.325	0.003	NA	Hypermethylated in P3F versus P7F
cg25386707	0.613	0.325	0.288	0.003	NA	Hypermethylated in P3F versus P7F
cg12782180	0.462	0.195	0.267	0.003	LEP	Hypermethylated in P3F versus P7F
cg13617561	0.762	0.463	0.299	0.003	CABP4	Hypermethylated in P3F versus P7F
cg17743250	0.694	0.359	0.335	0.003	CYP26C1	Hypermethylated in P3F versus P7F
cg20299697	0.733	0.469	0.265	0.003	NA	Hypermethylated in P3F versus P7F
cg16254756	0.559	0.305	0.254	0.003	SHC1	Hypermethylated in P3F versus P7F
cg11521563	0.757	0.453	0.305	0.003	NA	Hypermethylated in P3F versus P7F
cg15455864	0.418	0.145	0.273	0.003	RSPH6A	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg13403586	0.583	0.239	0.345	0.003	NA	Hypermethylated in P3F versus P7F
cg14446604	0.606	0.342	0.263	0.003	NA	Hypermethylated in P3F versus P7F
cg23733384	0.807	0.498	0.309	0.003	NA	Hypermethylated in P3F versus P7F
cg24831051	0.763	0.395	0.367	0.003	NA	Hypermethylated in P3F versus P7F
cg18406197	0.343	0.083	0.260	0.003	FBLN2	Hypermethylated in P3F versus P7F
cg18356785	0.719	0.381	0.337	0.003	NA	Hypermethylated in P3F versus P7F
cg15634928	0.759	0.503	0.256	0.003	NA	Hypermethylated in P3F versus P7F
cg17508941	0.626	0.355	0.271	0.003	NA	Hypermethylated in P3F versus P7F
cg26271127	0.457	0.098	0.358	0.003	NA	Hypermethylated in P3F versus P7F
cg24324985	0.518	0.188	0.330	0.003	FOXA2	Hypermethylated in P3F versus P7F
cg02270412	0.721	0.424	0.296	0.003	NA	Hypermethylated in P3F versus P7F
cg09229918	0.487	0.126	0.361	0.003	NA	Hypermethylated in P3F versus P7F
cg23866403	0.624	0.298	0.326	0.003	NA	Hypermethylated in P3F versus P7F
cg20307391	0.711	0.426	0.285	0.003	NA	Hypermethylated in P3F versus P7F
cg10528455	0.746	0.471	0.276	0.003	NA	Hypermethylated in P3F versus P7F
cg23892836	0.610	0.345	0.265	0.003	NA	Hypermethylated in P3F versus P7F
cg13694343	0.693	0.429	0.264	0.003	NA	Hypermethylated in P3F versus P7F
cg19272348	0.746	0.471	0.275	0.003	NA	Hypermethylated in P3F versus P7F
cg23953174	0.367	0.098	0.269	0.003	CD3EAP_PPP1R13L	Hypermethylated in P3F versus P7F
cg23225147	0.455	0.174	0.281	0.003	CDKN1C	Hypermethylated in P3F versus P7F
cg23497016	0.607	0.197	0.410	0.003	NA	Hypermethylated in P3F versus P7F
cg23681339	0.554	0.279	0.275	0.003	FBRSL1	Hypermethylated in P3F versus P7F
cg26529516	0.466	0.200	0.266	0.003	ARFGAP3	Hypermethylated in P3F versus P7F
cg13762320	0.714	0.423	0.291	0.003	ASCL2	Hypermethylated in P3F versus P7F
cg06330691	0.457	0.147	0.310	0.003	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg16060204	0.586	0.257	0.328	0.003	NA	Hypermethylated in P3F versus P7F
cg14881470	0.456	0.144	0.312	0.003	NA	Hypermethylated in P3F versus P7F
cg03593471	0.699	0.446	0.253	0.003	NA	Hypermethylated in P3F versus P7F
cg27485108	0.424	0.155	0.269	0.003	NA	Hypermethylated in P3F versus P7F
cg10791959	0.672	0.310	0.362	0.003	NA	Hypermethylated in P3F versus P7F
cg19916659	0.622	0.369	0.253	0.003	NA	Hypermethylated in P3F versus P7F
cg06032735	0.627	0.361	0.266	0.003	NA	Hypermethylated in P3F versus P7F
cg11128216	0.818	0.548	0.269	0.003	NA	Hypermethylated in P3F versus P7F
cg20079298	0.735	0.411	0.324	0.003	NA	Hypermethylated in P3F versus P7F
cg17480646	0.417	0.096	0.320	0.003	SIPA1	Hypermethylated in P3F versus P7F
cg20322977	0.515	0.219	0.296	0.003	CYP26C1	Hypermethylated in P3F versus P7F
cg01022370	0.694	0.368	0.327	0.003	MFHAS1	Hypermethylated in P3F versus P7F
cg10113194	0.628	0.289	0.339	0.003	NA	Hypermethylated in P3F versus P7F
cg18908185	0.718	0.428	0.290	0.003	NA	Hypermethylated in P3F versus P7F
cg11449860	0.625	0.353	0.272	0.003	NA	Hypermethylated in P3F versus P7F
cg25083618	0.604	0.250	0.354	0.003	CYP26C1	Hypermethylated in P3F versus P7F
cg03020208	0.697	0.379	0.318	0.003	AQP5	Hypermethylated in P3F versus P7F
cg27239981	0.641	0.355	0.285	0.003	NA	Hypermethylated in P3F versus P7F
cg22991320	0.506	0.161	0.345	0.003	C20orf85	Hypermethylated in P3F versus P7F
cg09160776	0.562	0.290	0.273	0.003	NA	Hypermethylated in P3F versus P7F
cg15254559	0.522	0.248	0.274	0.003	NA	Hypermethylated in P3F versus P7F
cg06040811	0.694	0.367	0.327	0.003	NA	Hypermethylated in P3F versus P7F
cg11090202	0.484	0.221	0.263	0.003	NA	Hypermethylated in P3F versus P7F
cg17740434	0.680	0.374	0.307	0.003	NA	Hypermethylated in P3F versus P7F
cg25721132	0.508	0.211	0.298	0.003	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg21421278	0.448	0.143	0.305	0.003	NA	Hypermethylated in P3F versus P7F
cg00716083	0.533	0.248	0.285	0.003	LTF	Hypermethylated in P3F versus P7F
cg02612397	0.522	0.210	0.312	0.003	NA	Hypermethylated in P3F versus P7F
cg15970457	0.608	0.333	0.276	0.004	NA	Hypermethylated in P3F versus P7F
cg07014673	0.662	0.292	0.370	0.004	NA	Hypermethylated in P3F versus P7F
cg15852891	0.559	0.256	0.303	0.004	OTP	Hypermethylated in P3F versus P7F
cg22729681	0.598	0.330	0.269	0.004	NA	Hypermethylated in P3F versus P7F
cg25573884	0.815	0.547	0.268	0.004	NA	Hypermethylated in P3F versus P7F
cg25694349	0.708	0.354	0.354	0.004	FBRSL1	Hypermethylated in P3F versus P7F
cg00078085	0.597	0.300	0.297	0.004	NA	Hypermethylated in P3F versus P7F
cg15205428	0.597	0.318	0.279	0.004	NA	Hypermethylated in P3F versus P7F
cg23422170	0.697	0.389	0.308	0.004	NA	Hypermethylated in P3F versus P7F
cg06174989	0.700	0.447	0.253	0.004	LOC100130015	Hypermethylated in P3F versus P7F
cg14328115	0.699	0.422	0.278	0.004	NA	Hypermethylated in P3F versus P7F
cg21413492	0.492	0.219	0.273	0.004	NA	Hypermethylated in P3F versus P7F
cg09257635	0.861	0.536	0.325	0.004	NA	Hypermethylated in P3F versus P7F
cg13882284	0.755	0.498	0.257	0.004	MSX1	Hypermethylated in P3F versus P7F
cg10596361	0.819	0.541	0.279	0.004	NA	Hypermethylated in P3F versus P7F
cg05571310	0.656	0.386	0.270	0.004	NA	Hypermethylated in P3F versus P7F
cg19089328	0.772	0.521	0.251	0.004	NA	Hypermethylated in P3F versus P7F
cg16314543	0.457	0.187	0.270	0.004	NA	Hypermethylated in P3F versus P7F
cg17468773	0.523	0.170	0.353	0.004	NA	Hypermethylated in P3F versus P7F
cg13533616	0.692	0.360	0.332	0.004	NA	Hypermethylated in P3F versus P7F
cg02486421	0.636	0.381	0.256	0.004	NA	Hypermethylated in P3F versus P7F
cg17245135	0.738	0.455	0.283	0.004	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg07470512	0.519	0.153	0.366	0.004	C20orf134	Hypermethylated in P3F versus P7F
cg27068206	0.817	0.507	0.310	0.004	NA	Hypermethylated in P3F versus P7F
cg25561875	0.650	0.357	0.292	0.004	NA	Hypermethylated in P3F versus P7F
cg12757143	0.668	0.397	0.271	0.004	WDR85	Hypermethylated in P3F versus P7F
cg04288999	0.513	0.196	0.317	0.004	NA	Hypermethylated in P3F versus P7F
cg27000590	0.587	0.304	0.282	0.004	NA	Hypermethylated in P3F versus P7F
cg26668713	0.534	0.240	0.294	0.004	NA	Hypermethylated in P3F versus P7F
cg11372436	0.639	0.324	0.315	0.004	SOD3	Hypermethylated in P3F versus P7F
cg16413428	0.772	0.469	0.303	0.004	NA	Hypermethylated in P3F versus P7F
cg21207730	0.564	0.263	0.301	0.004	NA	Hypermethylated in P3F versus P7F
cg26581714	0.616	0.251	0.364	0.004	NA	Hypermethylated in P3F versus P7F
cg21269843	0.480	0.214	0.267	0.004	OTP	Hypermethylated in P3F versus P7F
cg16501237	0.580	0.294	0.286	0.004	FRAT1	Hypermethylated in P3F versus P7F
cg25455598	0.372	0.056	0.316	0.004	PGAP2	Hypermethylated in P3F versus P7F
cg27245348	0.672	0.417	0.255	0.004	NA	Hypermethylated in P3F versus P7F
cg09968723	0.678	0.328	0.350	0.004	BAI1	Hypermethylated in P3F versus P7F
cg23503775	0.514	0.254	0.260	0.004	SCML4	Hypermethylated in P3F versus P7F
cg05296608	0.657	0.380	0.276	0.004	NA	Hypermethylated in P3F versus P7F
cg17945976	0.599	0.201	0.398	0.004	NA	Hypermethylated in P3F versus P7F
cg08499046	0.742	0.466	0.276	0.004	NA	Hypermethylated in P3F versus P7F
cg15901594	0.629	0.348	0.281	0.004	NA	Hypermethylated in P3F versus P7F
cg11792874	0.551	0.285	0.266	0.004	NA	Hypermethylated in P3F versus P7F
cg04603812	0.495	0.183	0.312	0.004	NA	Hypermethylated in P3F versus P7F
cg17107572	0.625	0.216	0.409	0.004	NA	Hypermethylated in P3F versus P7F
cg08547691	0.399	0.090	0.309	0.004	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg08969912	0.358	0.052	0.307	0.004	NA	Hypermethylated in P3F versus P7F
cg15261665	0.633	0.302	0.331	0.004	LTF	Hypermethylated in P3F versus P7F
cg08061360	0.633	0.247	0.385	0.004	LOC100129083	Hypermethylated in P3F versus P7F
cg10571987	0.660	0.284	0.377	0.004	NA	Hypermethylated in P3F versus P7F
cg15443791	0.747	0.467	0.280	0.004	NA	Hypermethylated in P3F versus P7F
cg09663111	0.603	0.297	0.306	0.004	C20orf85	Hypermethylated in P3F versus P7F
cg01562537	0.653	0.327	0.326	0.004	NA	Hypermethylated in P3F versus P7F
cg17796960	0.522	0.228	0.294	0.004	NA	Hypermethylated in P3F versus P7F
cg08189043	0.762	0.507	0.255	0.004	NA	Hypermethylated in P3F versus P7F
cg14774086	0.596	0.207	0.389	0.004	DERL3	Hypermethylated in P3F versus P7F
cg07429146	0.697	0.315	0.382	0.004	NA	Hypermethylated in P3F versus P7F
cg10997906	0.615	0.359	0.256	0.004	NA	Hypermethylated in P3F versus P7F
cg09342325	0.804	0.551	0.253	0.004	NA	Hypermethylated in P3F versus P7F
cg07124117	0.739	0.489	0.250	0.004	NA	Hypermethylated in P3F versus P7F
cg26221801	0.619	0.322	0.297	0.004	C20orf195	Hypermethylated in P3F versus P7F
cg14620572	0.518	0.214	0.305	0.004	NA	Hypermethylated in P3F versus P7F
cg06263178	0.773	0.484	0.289	0.004	NA	Hypermethylated in P3F versus P7F
cg07465275	0.558	0.231	0.327	0.004	NA	Hypermethylated in P3F versus P7F
cg23453372	0.577	0.260	0.317	0.004	NA	Hypermethylated in P3F versus P7F
cg27241808	0.557	0.164	0.394	0.004	NA	Hypermethylated in P3F versus P7F
cg09340279	0.776	0.475	0.301	0.004	NA	Hypermethylated in P3F versus P7F
cg22108469	0.650	0.257	0.393	0.004	NA	Hypermethylated in P3F versus P7F
cg13170728	0.677	0.388	0.289	0.004	NA	Hypermethylated in P3F versus P7F
cg01655150	0.483	0.222	0.261	0.004	ZXDC	Hypermethylated in P3F versus P7F
cg11817999	0.470	0.178	0.292	0.004	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg07139330	0.532	0.189	0.344	0.004	NA	Hypermethylated in P3F versus P7F
cg03714522	0.585	0.239	0.346	0.004	NA	Hypermethylated in P3F versus P7F
cg00890145	0.713	0.440	0.273	0.004	NA	Hypermethylated in P3F versus P7F
cg12924899	0.732	0.402	0.329	0.004	NA	Hypermethylated in P3F versus P7F
cg24415941	0.421	0.111	0.310	0.004	CD3EAP_PPP1R13L	Hypermethylated in P3F versus P7F
cg01784220	0.546	0.272	0.275	0.004	MFHAS1	Hypermethylated in P3F versus P7F
cg22409504	0.751	0.493	0.259	0.004	NA	Hypermethylated in P3F versus P7F
cg01640437	0.393	0.106	0.286	0.004	SIPA1	Hypermethylated in P3F versus P7F
cg19250101	0.380	0.124	0.255	0.004	NA	Hypermethylated in P3F versus P7F
cg02412399	0.534	0.259	0.275	0.004	NA	Hypermethylated in P3F versus P7F
cg05639246	0.589	0.294	0.295	0.004	NA	Hypermethylated in P3F versus P7F
cg24426691	0.655	0.369	0.287	0.004	CLDN10	Hypermethylated in P3F versus P7F
cg11699334	0.600	0.259	0.341	0.004	NA	Hypermethylated in P3F versus P7F
cg20584732	0.614	0.354	0.260	0.004	NA	Hypermethylated in P3F versus P7F
cg00928795	0.617	0.347	0.270	0.004	NA	Hypermethylated in P3F versus P7F
cg02182210	0.568	0.200	0.368	0.004	NA	Hypermethylated in P3F versus P7F
cg00814909	0.811	0.540	0.270	0.004	NA	Hypermethylated in P3F versus P7F
cg25985959	0.684	0.422	0.262	0.004	NA	Hypermethylated in P3F versus P7F
cg03672274	0.679	0.380	0.299	0.004	MSX1	Hypermethylated in P3F versus P7F
cg02449166	0.718	0.449	0.269	0.004	NA	Hypermethylated in P3F versus P7F
cg19581963	0.653	0.371	0.282	0.004	NA	Hypermethylated in P3F versus P7F
cg19392656	0.470	0.178	0.292	0.004	FBLN2	Hypermethylated in P3F versus P7F
cg12700788	0.598	0.346	0.252	0.004	NA	Hypermethylated in P3F versus P7F
cg03870188	0.762	0.444	0.318	0.004	NA	Hypermethylated in P3F versus P7F
cg16676413	0.566	0.307	0.259	0.004	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg05282518	0.617	0.323	0.294	0.004	OR4K2	Hypermethylated in P3F versus P7F
cg04928129	0.521	0.227	0.294	0.004	NA	Hypermethylated in P3F versus P7F
cg24771349	0.574	0.217	0.357	0.004	NA	Hypermethylated in P3F versus P7F
cg26124968	0.816	0.496	0.320	0.004	NA	Hypermethylated in P3F versus P7F
cg24000241	0.736	0.458	0.278	0.004	NA	Hypermethylated in P3F versus P7F
cg10290724	0.398	0.094	0.305	0.004	NA	Hypermethylated in P3F versus P7F
cg11248812	0.681	0.326	0.354	0.004	NA	Hypermethylated in P3F versus P7F
cg09642857	0.787	0.521	0.266	0.004	NA	Hypermethylated in P3F versus P7F
cg02199826	0.695	0.438	0.257	0.004	NA	Hypermethylated in P3F versus P7F
cg03401480	0.817	0.566	0.251	0.004	NA	Hypermethylated in P3F versus P7F
cg19684083	0.601	0.331	0.270	0.004	LNK1	Hypermethylated in P3F versus P7F
cg06094607	0.654	0.378	0.277	0.004	NA	Hypermethylated in P3F versus P7F
cg10483660	0.669	0.389	0.280	0.004	NA	Hypermethylated in P3F versus P7F
cg06546806	0.596	0.235	0.361	0.004	NA	Hypermethylated in P3F versus P7F
cg22557091	0.705	0.407	0.298	0.004	NA	Hypermethylated in P3F versus P7F
cg13912311	0.486	0.178	0.308	0.004	NA	Hypermethylated in P3F versus P7F
cg05598246	0.620	0.350	0.271	0.004	MOG	Hypermethylated in P3F versus P7F
cg03710889	0.570	0.302	0.268	0.004	NA	Hypermethylated in P3F versus P7F
cg17489690	0.763	0.438	0.326	0.004	NA	Hypermethylated in P3F versus P7F
cg05952572	0.629	0.283	0.346	0.004	NA	Hypermethylated in P3F versus P7F
cg15205204	0.426	0.133	0.293	0.004	NA	Hypermethylated in P3F versus P7F
cg00298065	0.737	0.433	0.304	0.004	NA	Hypermethylated in P3F versus P7F
cg20910408	0.786	0.444	0.342	0.004	NA	Hypermethylated in P3F versus P7F
cg22461434	0.741	0.488	0.253	0.004	NA	Hypermethylated in P3F versus P7F
cg12673726	0.571	0.286	0.285	0.004	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg05877497	0.617	0.223	0.393	0.004	NA	Hypermethylated in P3F versus P7F
cg22507023	0.556	0.270	0.285	0.004	NA	Hypermethylated in P3F versus P7F
cg03765423	0.638	0.385	0.253	0.004	NA	Hypermethylated in P3F versus P7F
cg09832102	0.679	0.331	0.348	0.004	NA	Hypermethylated in P3F versus P7F
cg08906309	0.701	0.433	0.268	0.005	NA	Hypermethylated in P3F versus P7F
cg00582671	0.760	0.482	0.278	0.005	NA	Hypermethylated in P3F versus P7F
cg26537478	0.573	0.202	0.370	0.005	NA	Hypermethylated in P3F versus P7F
cg23244910	0.365	0.062	0.303	0.005	NA	Hypermethylated in P3F versus P7F
cg13247581	0.465	0.123	0.342	0.005	ENTPD2	Hypermethylated in P3F versus P7F
cg14666946	0.660	0.359	0.301	0.005	NA	Hypermethylated in P3F versus P7F
cg07173049	0.693	0.403	0.290	0.005	NA	Hypermethylated in P3F versus P7F
cg22784260	0.680	0.418	0.262	0.005	NA	Hypermethylated in P3F versus P7F
cg22533317	0.572	0.322	0.250	0.005	NA	Hypermethylated in P3F versus P7F
cg04447981	0.562	0.282	0.281	0.005	SIPA1	Hypermethylated in P3F versus P7F
cg12507655	0.505	0.171	0.333	0.005	TRIP6	Hypermethylated in P3F versus P7F
cg08886020	0.772	0.504	0.268	0.005	NA	Hypermethylated in P3F versus P7F
cg24369989	0.537	0.266	0.271	0.005	CHRNA4	Hypermethylated in P3F versus P7F
cg26569771	0.690	0.417	0.273	0.005	NA	Hypermethylated in P3F versus P7F
cg20935363	0.631	0.309	0.323	0.005	NA	Hypermethylated in P3F versus P7F
cg02940164	0.520	0.203	0.317	0.005	NA	Hypermethylated in P3F versus P7F
cg10705379	0.553	0.233	0.320	0.005	FRAT1	Hypermethylated in P3F versus P7F
cg08718490	0.573	0.189	0.384	0.005	NA	Hypermethylated in P3F versus P7F
cg05450805	0.464	0.214	0.250	0.005	NA	Hypermethylated in P3F versus P7F
cg16312968	0.687	0.427	0.260	0.005	NA	Hypermethylated in P3F versus P7F
cg08691358	0.773	0.483	0.290	0.005	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg09199014	0.679	0.427	0.252	0.005	NA	Hypermethylated in P3F versus P7F
cg10400652	0.685	0.364	0.321	0.005	PNMAL2	Hypermethylated in P3F versus P7F
cg05671758	0.636	0.376	0.261	0.005	NA	Hypermethylated in P3F versus P7F
cg23439460	0.554	0.248	0.306	0.005	NA	Hypermethylated in P3F versus P7F
cg15614730	0.745	0.470	0.276	0.005	NA	Hypermethylated in P3F versus P7F
cg05191879	0.564	0.292	0.272	0.005	NA	Hypermethylated in P3F versus P7F
cg05219493	0.745	0.454	0.291	0.005	CYP26C1	Hypermethylated in P3F versus P7F
cg08991927	0.536	0.270	0.266	0.005	PPP2R2B	Hypermethylated in P3F versus P7F
cg20973210	0.594	0.318	0.276	0.005	C19orf35	Hypermethylated in P3F versus P7F
cg01239928	0.700	0.391	0.308	0.005	MFHAS1	Hypermethylated in P3F versus P7F
cg18066182	0.713	0.457	0.256	0.005	NA	Hypermethylated in P3F versus P7F
cg19074393	0.720	0.462	0.259	0.005	NA	Hypermethylated in P3F versus P7F
cg01422274	0.556	0.232	0.324	0.005	NA	Hypermethylated in P3F versus P7F
cg02709139	0.719	0.466	0.254	0.005	NA	Hypermethylated in P3F versus P7F
cg25940946	0.545	0.186	0.360	0.005	DERL3	Hypermethylated in P3F versus P7F
cg26789064	0.636	0.340	0.297	0.005	NA	Hypermethylated in P3F versus P7F
cg24737374	0.605	0.287	0.317	0.005	NA	Hypermethylated in P3F versus P7F
cg05978306	0.671	0.398	0.273	0.005	NA	Hypermethylated in P3F versus P7F
cg18011099	0.648	0.314	0.335	0.005	NA	Hypermethylated in P3F versus P7F
cg22967396	0.712	0.425	0.287	0.005	NA	Hypermethylated in P3F versus P7F
cg01662869	0.637	0.339	0.297	0.005	NA	Hypermethylated in P3F versus P7F
cg01296230	0.819	0.568	0.251	0.005	NA	Hypermethylated in P3F versus P7F
cg09098522	0.698	0.434	0.264	0.005	NA	Hypermethylated in P3F versus P7F
cg03650119	0.878	0.564	0.314	0.005	NA	Hypermethylated in P3F versus P7F
cg24395452	0.546	0.208	0.339	0.005	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg15211864	0.649	0.390	0.259	0.005	NA	Hypermethylated in P3F versus P7F
cg00498816	0.592	0.286	0.306	0.005	NA	Hypermethylated in P3F versus P7F
cg27340749	0.523	0.255	0.268	0.005	TREX1	Hypermethylated in P3F versus P7F
cg25147632	0.696	0.442	0.254	0.005	NA	Hypermethylated in P3F versus P7F
cg07794300	0.523	0.166	0.357	0.005	NA	Hypermethylated in P3F versus P7F
cg02190350	0.607	0.275	0.332	0.005	NA	Hypermethylated in P3F versus P7F
cg04652621	0.534	0.183	0.351	0.005	NA	Hypermethylated in P3F versus P7F
cg00337466	0.460	0.188	0.272	0.005	ADAM8	Hypermethylated in P3F versus P7F
cg23418339	0.618	0.278	0.340	0.005	NA	Hypermethylated in P3F versus P7F
cg17018517	0.642	0.362	0.280	0.005	NA	Hypermethylated in P3F versus P7F
cg13768290	0.396	0.143	0.252	0.005	NA	Hypermethylated in P3F versus P7F
cg20509869	0.767	0.428	0.340	0.005	NA	Hypermethylated in P3F versus P7F
cg23424933	0.565	0.242	0.322	0.005	NA	Hypermethylated in P3F versus P7F
cg15488963	0.504	0.238	0.265	0.005	NA	Hypermethylated in P3F versus P7F
cg15666214	0.480	0.167	0.314	0.005	NA	Hypermethylated in P3F versus P7F
cg15402627	0.587	0.300	0.286	0.005	NA	Hypermethylated in P3F versus P7F
cg13701954	0.667	0.371	0.296	0.005	NA	Hypermethylated in P3F versus P7F
cg03834286	0.645	0.333	0.313	0.005	NA	Hypermethylated in P3F versus P7F
cg08600862	0.673	0.412	0.261	0.005	NA	Hypermethylated in P3F versus P7F
cg25435917	0.439	0.186	0.253	0.005	NA	Hypermethylated in P3F versus P7F
cg07919108	0.537	0.143	0.394	0.005	NA	Hypermethylated in P3F versus P7F
cg25570864	0.665	0.377	0.288	0.005	NA	Hypermethylated in P3F versus P7F
cg04226256	0.834	0.550	0.283	0.005	NA	Hypermethylated in P3F versus P7F
cg05457480	0.617	0.358	0.259	0.005	NA	Hypermethylated in P3F versus P7F
cg18849102	0.667	0.387	0.280	0.005	MSX1	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg10287321	0.614	0.352	0.262	0.005	NA	Hypermethylated in P3F versus P7F
cg03593189	0.738	0.480	0.257	0.005	NA	Hypermethylated in P3F versus P7F
cg01685242	0.463	0.123	0.339	0.006	NA	Hypermethylated in P3F versus P7F
cg09177106	0.537	0.195	0.342	0.006	NA	Hypermethylated in P3F versus P7F
cg27317046	0.615	0.257	0.358	0.006	NA	Hypermethylated in P3F versus P7F
cg00009196	0.614	0.356	0.258	0.006	NA	Hypermethylated in P3F versus P7F
cg15243034	0.603	0.315	0.287	0.006	NA	Hypermethylated in P3F versus P7F
cg16615829	0.627	0.359	0.268	0.006	NA	Hypermethylated in P3F versus P7F
cg14166053	0.724	0.445	0.278	0.006	ACCN4	Hypermethylated in P3F versus P7F
cg07192240	0.465	0.160	0.305	0.006	PGAP2	Hypermethylated in P3F versus P7F
cg00131983	0.368	0.068	0.299	0.006	NA	Hypermethylated in P3F versus P7F
cg10389454	0.639	0.346	0.294	0.006	NA	Hypermethylated in P3F versus P7F
cg03910652	0.408	0.087	0.321	0.006	NA	Hypermethylated in P3F versus P7F
cg12150039	0.621	0.348	0.272	0.006	GRAMD1A	Hypermethylated in P3F versus P7F
cg01648609	0.700	0.437	0.262	0.006	NA	Hypermethylated in P3F versus P7F
cg23972738	0.666	0.288	0.377	0.006	NA	Hypermethylated in P3F versus P7F
cg08262464	0.742	0.477	0.265	0.006	NA	Hypermethylated in P3F versus P7F
cg24407133	0.739	0.470	0.269	0.006	NA	Hypermethylated in P3F versus P7F
cg25660386	0.372	0.105	0.267	0.006	IQSEC1	Hypermethylated in P3F versus P7F
cg12328660	0.544	0.266	0.278	0.006	NA	Hypermethylated in P3F versus P7F
cg14252279	0.434	0.142	0.292	0.006	NA	Hypermethylated in P3F versus P7F
cg01552272	0.354	0.102	0.252	0.006	MACROD2	Hypermethylated in P3F versus P7F
cg24738592	0.479	0.140	0.339	0.006	NA	Hypermethylated in P3F versus P7F
cg06719391	0.373	0.120	0.253	0.006	NA	Hypermethylated in P3F versus P7F
cg07810961	0.332	0.052	0.281	0.006	EIF4EBP3	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg13596833	0.697	0.401	0.296	0.006	NA	Hypermethylated in P3F versus P7F
cg03341413	0.738	0.477	0.261	0.006	NA	Hypermethylated in P3F versus P7F
cg13418804	0.758	0.371	0.388	0.006	NA	Hypermethylated in P3F versus P7F
cg06415891	0.617	0.348	0.269	0.006	NA	Hypermethylated in P3F versus P7F
cg02450725	0.817	0.489	0.328	0.006	NA	Hypermethylated in P3F versus P7F
cg18108716	0.528	0.143	0.385	0.006	NA	Hypermethylated in P3F versus P7F
cg15934776	0.785	0.532	0.253	0.006	NA	Hypermethylated in P3F versus P7F
cg08198983	0.681	0.390	0.291	0.006	NA	Hypermethylated in P3F versus P7F
cg10784570	0.666	0.252	0.413	0.006	NA	Hypermethylated in P3F versus P7F
cg10831607	0.583	0.251	0.332	0.006	NA	Hypermethylated in P3F versus P7F
cg00411413	0.719	0.453	0.266	0.006	NA	Hypermethylated in P3F versus P7F
cg20709110	0.698	0.426	0.272	0.006	NA	Hypermethylated in P3F versus P7F
cg02168584	0.559	0.279	0.280	0.006	NA	Hypermethylated in P3F versus P7F
cg20636352	0.676	0.363	0.313	0.006	NA	Hypermethylated in P3F versus P7F
cg01811583	0.519	0.243	0.276	0.006	NA	Hypermethylated in P3F versus P7F
cg13505608	0.594	0.298	0.296	0.006	NA	Hypermethylated in P3F versus P7F
cg15616310	0.668	0.318	0.350	0.006	NA	Hypermethylated in P3F versus P7F
cg18717167	0.679	0.325	0.354	0.006	NA	Hypermethylated in P3F versus P7F
cg25780607	0.460	0.164	0.297	0.006	ARSI	Hypermethylated in P3F versus P7F
cg12499235	0.725	0.404	0.320	0.006	ASCL2	Hypermethylated in P3F versus P7F
cg16178603	0.572	0.175	0.397	0.006	NA	Hypermethylated in P3F versus P7F
cg26964426	0.760	0.446	0.314	0.006	NA	Hypermethylated in P3F versus P7F
cg25362652	0.580	0.283	0.297	0.006	NA	Hypermethylated in P3F versus P7F
cg19811337	0.483	0.130	0.353	0.006	NA	Hypermethylated in P3F versus P7F
cg14239592	0.822	0.568	0.254	0.006	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg15336765	0.513	0.161	0.352	0.006	AQP5	Hypermethylated in P3F versus P7F
cg14991769	0.458	0.164	0.294	0.006	TMEM176B_TMEM176A	Hypermethylated in P3F versus P7F
cg14232082	0.509	0.248	0.261	0.006	NA	Hypermethylated in P3F versus P7F
cg00713567	0.778	0.505	0.274	0.006	BAI1	Hypermethylated in P3F versus P7F
cg09788586	0.603	0.276	0.327	0.006	NA	Hypermethylated in P3F versus P7F
cg15054725	0.722	0.425	0.297	0.006	NA	Hypermethylated in P3F versus P7F
cg00086488	0.594	0.273	0.321	0.006	NA	Hypermethylated in P3F versus P7F
cg18571590	0.722	0.436	0.286	0.006	NA	Hypermethylated in P3F versus P7F
cg15247144	0.443	0.175	0.267	0.006	NA	Hypermethylated in P3F versus P7F
cg08234689	0.760	0.455	0.304	0.006	NA	Hypermethylated in P3F versus P7F
cg18523979	0.486	0.148	0.338	0.006	IQSEC1	Hypermethylated in P3F versus P7F
cg15962744	0.712	0.428	0.284	0.006	NA	Hypermethylated in P3F versus P7F
cg03163184	0.719	0.440	0.279	0.006	NA	Hypermethylated in P3F versus P7F
cg00480331	0.655	0.288	0.367	0.006	BCL6	Hypermethylated in P3F versus P7F
cg02406096	0.807	0.555	0.253	0.006	NA	Hypermethylated in P3F versus P7F
cg06271696	0.654	0.395	0.259	0.006	NA	Hypermethylated in P3F versus P7F
cg05583608	0.523	0.179	0.344	0.006	NA	Hypermethylated in P3F versus P7F
cg22879667	0.423	0.119	0.304	0.006	NA	Hypermethylated in P3F versus P7F
cg17183432	0.550	0.182	0.368	0.006	NA	Hypermethylated in P3F versus P7F
cg16691593	0.539	0.233	0.306	0.006	OTP	Hypermethylated in P3F versus P7F
cg16909962	0.445	0.134	0.311	0.006	RAB4A	Hypermethylated in P3F versus P7F
cg16608596	0.780	0.509	0.271	0.006	NA	Hypermethylated in P3F versus P7F
cg09474229	0.794	0.533	0.261	0.006	NA	Hypermethylated in P3F versus P7F
cg20640373	0.479	0.164	0.315	0.006	NA	Hypermethylated in P3F versus P7F
cg04541670	0.639	0.354	0.285	0.006	MSX2	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg14100888	0.673	0.400	0.273	0.006	NA	Hypermethylated in P3F versus P7F
cg09643136	0.801	0.504	0.296	0.006	NA	Hypermethylated in P3F versus P7F
cg03306615	0.705	0.388	0.317	0.006	ASCL2	Hypermethylated in P3F versus P7F
cg00863893	0.789	0.524	0.265	0.006	NA	Hypermethylated in P3F versus P7F
cg23002238	0.612	0.358	0.253	0.006	NA	Hypermethylated in P3F versus P7F
cg10264687	0.579	0.232	0.347	0.006	NA	Hypermethylated in P3F versus P7F
cg10785263	0.755	0.484	0.271	0.006	NA	Hypermethylated in P3F versus P7F
cg24830876	0.666	0.392	0.274	0.006	ARHGEF3	Hypermethylated in P3F versus P7F
cg14251267	0.776	0.485	0.290	0.007	NA	Hypermethylated in P3F versus P7F
cg17275781	0.662	0.310	0.352	0.007	NA	Hypermethylated in P3F versus P7F
cg05278650	0.511	0.161	0.350	0.007	IQSEC1	Hypermethylated in P3F versus P7F
cg18798289	0.648	0.355	0.293	0.007	NA	Hypermethylated in P3F versus P7F
cg15706312	0.751	0.499	0.252	0.007	NA	Hypermethylated in P3F versus P7F
cg12220788	0.651	0.391	0.260	0.007	NA	Hypermethylated in P3F versus P7F
cg09409539	0.580	0.218	0.362	0.007	NA	Hypermethylated in P3F versus P7F
cg03807298	0.709	0.282	0.427	0.007	NA	Hypermethylated in P3F versus P7F
cg01315916	0.490	0.181	0.309	0.007	NA	Hypermethylated in P3F versus P7F
cg04102325	0.557	0.259	0.299	0.007	NA	Hypermethylated in P3F versus P7F
cg01870865	0.702	0.426	0.276	0.007	TREX1	Hypermethylated in P3F versus P7F
cg23416197	0.612	0.305	0.306	0.007	NA	Hypermethylated in P3F versus P7F
cg08513253	0.655	0.357	0.298	0.007	NA	Hypermethylated in P3F versus P7F
cg23365801	0.611	0.234	0.378	0.007	KCNAB3	Hypermethylated in P3F versus P7F
cg01556502	0.519	0.220	0.299	0.007	NA	Hypermethylated in P3F versus P7F
cg08557523	0.698	0.419	0.279	0.007	ACCN4	Hypermethylated in P3F versus P7F
cg11130317	0.539	0.193	0.346	0.007	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg11397854	0.564	0.232	0.332	0.007	NA	Hypermethylated in P3F versus P7F
cg04309234	0.673	0.404	0.270	0.007	NA	Hypermethylated in P3F versus P7F
cg09451320	0.679	0.346	0.333	0.007	NA	Hypermethylated in P3F versus P7F
cg10907148	0.724	0.438	0.286	0.007	NA	Hypermethylated in P3F versus P7F
cg12266049	0.711	0.443	0.268	0.007	NA	Hypermethylated in P3F versus P7F
cg12131414	0.475	0.205	0.270	0.007	NA	Hypermethylated in P3F versus P7F
cg17561417	0.502	0.202	0.300	0.007	FBLN2	Hypermethylated in P3F versus P7F
cg07462756	0.706	0.445	0.261	0.007	MSX1	Hypermethylated in P3F versus P7F
cg22772747	0.787	0.531	0.256	0.007	NA	Hypermethylated in P3F versus P7F
cg24599270	0.695	0.348	0.346	0.007	NA	Hypermethylated in P3F versus P7F
cg03330490	0.441	0.162	0.279	0.007	NA	Hypermethylated in P3F versus P7F
cg09224689	0.635	0.372	0.262	0.007	NA	Hypermethylated in P3F versus P7F
cg19340420	0.608	0.237	0.371	0.007	NA	Hypermethylated in P3F versus P7F
cg14149680	0.668	0.292	0.376	0.007	NA	Hypermethylated in P3F versus P7F
cg09477019	0.630	0.361	0.269	0.007	NA	Hypermethylated in P3F versus P7F
cg16296442	0.504	0.215	0.289	0.007	NA	Hypermethylated in P3F versus P7F
cg04284678	0.697	0.394	0.303	0.007	NA	Hypermethylated in P3F versus P7F
cg11324712	0.653	0.396	0.257	0.007	NA	Hypermethylated in P3F versus P7F
cg22531018	0.681	0.401	0.280	0.007	TMEM139	Hypermethylated in P3F versus P7F
cg21941030	0.698	0.338	0.361	0.007	RCN3	Hypermethylated in P3F versus P7F
cg25037461	0.555	0.219	0.336	0.007	DERL3	Hypermethylated in P3F versus P7F
cg27666046	0.661	0.353	0.308	0.007	NA	Hypermethylated in P3F versus P7F
cg05408521	0.502	0.245	0.257	0.007	KRTAP10-3	Hypermethylated in P3F versus P7F
cg21016855	0.669	0.378	0.291	0.007	NA	Hypermethylated in P3F versus P7F
cg04607032	0.701	0.397	0.304	0.007	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg03445516	0.589	0.241	0.348	0.007	NA	Hypermethylated in P3F versus P7F
cg26610739	0.612	0.360	0.252	0.007	NA	Hypermethylated in P3F versus P7F
cg24495585	0.407	0.151	0.257	0.007	NA	Hypermethylated in P3F versus P7F
cg00478435	0.438	0.159	0.280	0.007	C20orf134	Hypermethylated in P3F versus P7F
cg07476923	0.598	0.294	0.305	0.007	NA	Hypermethylated in P3F versus P7F
cg19416570	0.604	0.290	0.314	0.007	NA	Hypermethylated in P3F versus P7F
cg00409684	0.526	0.217	0.309	0.007	NA	Hypermethylated in P3F versus P7F
cg09462924	0.582	0.199	0.383	0.007	NA	Hypermethylated in P3F versus P7F
cg19904058	0.489	0.151	0.338	0.007	NA	Hypermethylated in P3F versus P7F
cg13186228	0.727	0.460	0.267	0.007	STX16	Hypermethylated in P3F versus P7F
cg13341668	0.766	0.507	0.259	0.007	HYAL2	Hypermethylated in P3F versus P7F
cg06816651	0.607	0.329	0.277	0.007	NA	Hypermethylated in P3F versus P7F
cg07143532	0.380	0.123	0.257	0.007	NA	Hypermethylated in P3F versus P7F
cg26094554	0.508	0.231	0.277	0.007	NA	Hypermethylated in P3F versus P7F
cg18041840	0.380	0.063	0.317	0.007	NA	Hypermethylated in P3F versus P7F
cg11744767	0.392	0.136	0.256	0.007	CDKN1C	Hypermethylated in P3F versus P7F
cg19623624	0.522	0.149	0.373	0.007	NA	Hypermethylated in P3F versus P7F
cg05247809	0.541	0.213	0.328	0.007	LOC440461	Hypermethylated in P3F versus P7F
cg27068330	0.426	0.121	0.305	0.007	SIPA1	Hypermethylated in P3F versus P7F
cg26728422	0.659	0.397	0.262	0.007	NA	Hypermethylated in P3F versus P7F
cg10702770	0.463	0.202	0.260	0.007	NA	Hypermethylated in P3F versus P7F
cg05749855	0.555	0.247	0.308	0.007	NA	Hypermethylated in P3F versus P7F
cg21141812	0.515	0.265	0.250	0.007	NA	Hypermethylated in P3F versus P7F
cg11113363	0.642	0.343	0.299	0.007	NA	Hypermethylated in P3F versus P7F
cg08327367	0.715	0.461	0.254	0.007	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg16581085	0.762	0.489	0.273	0.007	NA	Hypermethylated in P3F versus P7F
cg04256316	0.341	0.047	0.294	0.007	SIPA1	Hypermethylated in P3F versus P7F
cg01793178	0.750	0.455	0.295	0.007	NA	Hypermethylated in P3F versus P7F
cg01997272	0.550	0.245	0.305	0.007	NA	Hypermethylated in P3F versus P7F
cg00287096	0.561	0.289	0.272	0.007	NA	Hypermethylated in P3F versus P7F
cg00166372	0.702	0.447	0.255	0.007	NA	Hypermethylated in P3F versus P7F
cg21042248	0.535	0.262	0.274	0.007	NA	Hypermethylated in P3F versus P7F
cg08086720	0.554	0.242	0.312	0.007	NA	Hypermethylated in P3F versus P7F
cg20645729	0.442	0.127	0.315	0.007	LOC440461	Hypermethylated in P3F versus P7F
cg16765006	0.366	0.095	0.271	0.007	LOC440461	Hypermethylated in P3F versus P7F
cg26681770	0.810	0.517	0.293	0.007	NA	Hypermethylated in P3F versus P7F
cg25449950	0.660	0.381	0.279	0.007	SOD3	Hypermethylated in P3F versus P7F
cg24075113	0.456	0.149	0.307	0.007	NA	Hypermethylated in P3F versus P7F
cg20896233	0.729	0.464	0.265	0.008	NA	Hypermethylated in P3F versus P7F
cg09285851	0.600	0.324	0.276	0.008	NA	Hypermethylated in P3F versus P7F
cg16235582	0.696	0.370	0.326	0.008	NA	Hypermethylated in P3F versus P7F
cg06657050	0.551	0.278	0.272	0.008	ONECUT1	Hypermethylated in P3F versus P7F
cg02352685	0.706	0.448	0.258	0.008	NA	Hypermethylated in P3F versus P7F
cg23820770	0.554	0.277	0.276	0.008	DYSF	Hypermethylated in P3F versus P7F
cg22982368	0.665	0.359	0.306	0.008	NA	Hypermethylated in P3F versus P7F
cg05732979	0.738	0.467	0.270	0.008	NA	Hypermethylated in P3F versus P7F
cg09048129	0.651	0.384	0.267	0.008	USP2	Hypermethylated in P3F versus P7F
cg00219282	0.476	0.211	0.265	0.008	NA	Hypermethylated in P3F versus P7F
cg04608582	0.477	0.225	0.252	0.008	NA	Hypermethylated in P3F versus P7F
cg13512859	0.595	0.325	0.270	0.008	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg26251208	0.628	0.346	0.282	0.008	NA	Hypermethylated in P3F versus P7F
cg15692239	0.493	0.225	0.268	0.008	ALDOC	Hypermethylated in P3F versus P7F
cg16216407	0.619	0.365	0.254	0.008	SOD3	Hypermethylated in P3F versus P7F
cg02048412	0.649	0.399	0.251	0.008	VASN	Hypermethylated in P3F versus P7F
cg19082708	0.454	0.144	0.310	0.008	NA	Hypermethylated in P3F versus P7F
cg04562683	0.578	0.219	0.359	0.008	NA	Hypermethylated in P3F versus P7F
cg19492423	0.603	0.268	0.335	0.008	NA	Hypermethylated in P3F versus P7F
cg06732439	0.601	0.294	0.307	0.008	LOC151174_LOC643387	Hypermethylated in P3F versus P7F
cg20014398	0.781	0.507	0.274	0.008	NA	Hypermethylated in P3F versus P7F
cg03589296	0.613	0.250	0.363	0.008	NA	Hypermethylated in P3F versus P7F
cg23050971	0.717	0.462	0.255	0.008	NA	Hypermethylated in P3F versus P7F
cg22852065	0.625	0.312	0.313	0.008	NA	Hypermethylated in P3F versus P7F
cg20684180	0.685	0.364	0.321	0.008	DLEC1	Hypermethylated in P3F versus P7F
cg23172480	0.569	0.286	0.283	0.008	DCBLD1	Hypermethylated in P3F versus P7F
cg08467595	0.451	0.164	0.287	0.008	IQSEC1	Hypermethylated in P3F versus P7F
cg11904266	0.432	0.151	0.281	0.008	NA	Hypermethylated in P3F versus P7F
cg01270424	0.534	0.232	0.302	0.008	NA	Hypermethylated in P3F versus P7F
cg02987249	0.572	0.315	0.257	0.008	NA	Hypermethylated in P3F versus P7F
cg02537108	0.759	0.472	0.287	0.008	NA	Hypermethylated in P3F versus P7F
cg11412288	0.694	0.423	0.271	0.008	DCBLD1	Hypermethylated in P3F versus P7F
cg16604516	0.591	0.333	0.258	0.008	FBLN2	Hypermethylated in P3F versus P7F
cg22987116	0.699	0.366	0.333	0.008	NA	Hypermethylated in P3F versus P7F
cg10022722	0.592	0.285	0.307	0.008	NA	Hypermethylated in P3F versus P7F
cg20562147	0.550	0.251	0.299	0.008	NA	Hypermethylated in P3F versus P7F
cg16531664	0.700	0.437	0.263	0.008	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg22761670	0.641	0.330	0.312	0.008	NA	Hypermethylated in P3F versus P7F
cg15963326	0.611	0.269	0.342	0.008	NA	Hypermethylated in P3F versus P7F
cg09198138	0.750	0.465	0.285	0.008	NA	Hypermethylated in P3F versus P7F
cg08755224	0.504	0.189	0.315	0.008	NA	Hypermethylated in P3F versus P7F
cg00490648	0.806	0.493	0.313	0.008	NA	Hypermethylated in P3F versus P7F
cg07525299	0.659	0.383	0.276	0.008	ASCL2	Hypermethylated in P3F versus P7F
cg06342954	0.736	0.464	0.272	0.008	NA	Hypermethylated in P3F versus P7F
cg01747862	0.605	0.335	0.270	0.008	NA	Hypermethylated in P3F versus P7F
cg07683388	0.601	0.286	0.315	0.008	NA	Hypermethylated in P3F versus P7F
cg19944656	0.570	0.280	0.290	0.008	NA	Hypermethylated in P3F versus P7F
cg01761236	0.674	0.378	0.297	0.008	NA	Hypermethylated in P3F versus P7F
cg24148817	0.687	0.329	0.358	0.008	NA	Hypermethylated in P3F versus P7F
cg10376286	0.655	0.382	0.273	0.008	NA	Hypermethylated in P3F versus P7F
cg24152000	0.701	0.429	0.272	0.008	NA	Hypermethylated in P3F versus P7F
cg02917603	0.670	0.371	0.299	0.008	NA	Hypermethylated in P3F versus P7F
cg13621679	0.542	0.210	0.332	0.008	NA	Hypermethylated in P3F versus P7F
cg01540172	0.665	0.398	0.267	0.008	NA	Hypermethylated in P3F versus P7F
cg15058464	0.497	0.170	0.327	0.008	C20orf56	Hypermethylated in P3F versus P7F
cg07284558	0.681	0.398	0.283	0.008	STK32C	Hypermethylated in P3F versus P7F
cg14022778	0.728	0.476	0.252	0.008	NA	Hypermethylated in P3F versus P7F
cg22084515	0.755	0.478	0.278	0.008	NA	Hypermethylated in P3F versus P7F
cg05758861	0.760	0.502	0.259	0.008	NA	Hypermethylated in P3F versus P7F
cg16689724	0.574	0.303	0.271	0.008	NA	Hypermethylated in P3F versus P7F
cg17979068	0.639	0.376	0.263	0.008	NA	Hypermethylated in P3F versus P7F
cg01456571	0.546	0.202	0.343	0.008	TNFRSF10D	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg24675150	0.628	0.245	0.382	0.008	NA	Hypermethylated in P3F versus P7F
cg10208113	0.756	0.457	0.298	0.008	NA	Hypermethylated in P3F versus P7F
cg13504993	0.539	0.249	0.291	0.008	STK32C	Hypermethylated in P3F versus P7F
cg13839293	0.397	0.104	0.292	0.008	PGAP2	Hypermethylated in P3F versus P7F
cg01624768	0.774	0.504	0.270	0.008	NA	Hypermethylated in P3F versus P7F
cg12283398	0.741	0.458	0.283	0.008	NA	Hypermethylated in P3F versus P7F
cg00423364	0.683	0.381	0.302	0.008	NA	Hypermethylated in P3F versus P7F
cg00927231	0.338	0.082	0.257	0.008	NA	Hypermethylated in P3F versus P7F
cg20842253	0.408	0.085	0.322	0.008	NA	Hypermethylated in P3F versus P7F
cg22731271	0.622	0.242	0.380	0.008	NA	Hypermethylated in P3F versus P7F
cg16481365	0.673	0.405	0.268	0.008	NA	Hypermethylated in P3F versus P7F
cg14932408	0.581	0.283	0.298	0.008	NA	Hypermethylated in P3F versus P7F
cg17390301	0.463	0.210	0.253	0.008	POU2AF1	Hypermethylated in P3F versus P7F
cg01016662	0.380	0.089	0.292	0.008	NA	Hypermethylated in P3F versus P7F
cg09861917	0.524	0.204	0.321	0.008	FOXA2	Hypermethylated in P3F versus P7F
cg15008124	0.565	0.225	0.340	0.008	NA	Hypermethylated in P3F versus P7F
cg01274660	0.546	0.225	0.321	0.008	NA	Hypermethylated in P3F versus P7F
cg22840219	0.577	0.233	0.345	0.009	NA	Hypermethylated in P3F versus P7F
cg20015986	0.764	0.512	0.252	0.009	NA	Hypermethylated in P3F versus P7F
cg05878073	0.667	0.403	0.264	0.009	NA	Hypermethylated in P3F versus P7F
cg13990351	0.460	0.147	0.313	0.009	NA	Hypermethylated in P3F versus P7F
cg21411366	0.655	0.398	0.257	0.009	SOD3	Hypermethylated in P3F versus P7F
cg14992000	0.858	0.600	0.257	0.009	NA	Hypermethylated in P3F versus P7F
cg07336617	0.725	0.450	0.276	0.009	OTP	Hypermethylated in P3F versus P7F
cg14341131	0.556	0.258	0.298	0.009	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg13411506	0.826	0.558	0.268	0.009	NA	Hypermethylated in P3F versus P7F
cg21791662	0.549	0.212	0.337	0.009	NA	Hypermethylated in P3F versus P7F
cg01882866	0.532	0.236	0.295	0.009	NA	Hypermethylated in P3F versus P7F
cg14611402	0.579	0.322	0.257	0.009	DCBLD1	Hypermethylated in P3F versus P7F
cg04540976	0.408	0.145	0.262	0.009	CD3EAP_PPP1R13L	Hypermethylated in P3F versus P7F
cg01137955	0.560	0.244	0.316	0.009	NA	Hypermethylated in P3F versus P7F
cg10357060	0.622	0.314	0.308	0.009	NA	Hypermethylated in P3F versus P7F
cg13354988	0.602	0.336	0.266	0.009	ACP1	Hypermethylated in P3F versus P7F
cg21739934	0.632	0.339	0.293	0.009	NA	Hypermethylated in P3F versus P7F
cg07831351	0.371	0.060	0.311	0.009	NA	Hypermethylated in P3F versus P7F
cg01754267	0.689	0.429	0.261	0.009	NA	Hypermethylated in P3F versus P7F
cg13451222	0.330	0.054	0.276	0.009	SIPA1	Hypermethylated in P3F versus P7F
cg17321883	0.417	0.069	0.348	0.009	AMIGO3	Hypermethylated in P3F versus P7F
cg02155957	0.573	0.321	0.252	0.009	NA	Hypermethylated in P3F versus P7F
cg12115991	0.538	0.274	0.264	0.009	NA	Hypermethylated in P3F versus P7F
cg12590902	0.574	0.274	0.300	0.009	NA	Hypermethylated in P3F versus P7F
cg09316140	0.628	0.370	0.257	0.009	EPB49	Hypermethylated in P3F versus P7F
cg00142670	0.577	0.321	0.255	0.009	C6orf154	Hypermethylated in P3F versus P7F
cg18872016	0.521	0.227	0.294	0.009	NA	Hypermethylated in P3F versus P7F
cg18344930	0.415	0.153	0.262	0.009	NA	Hypermethylated in P3F versus P7F
cg03222834	0.663	0.390	0.273	0.009	NA	Hypermethylated in P3F versus P7F
cg14765959	0.480	0.201	0.279	0.009	NA	Hypermethylated in P3F versus P7F
cg05559445	0.520	0.244	0.276	0.009	CDKN1C	Hypermethylated in P3F versus P7F
cg00918522	0.657	0.337	0.320	0.009	NA	Hypermethylated in P3F versus P7F
cg18183817	0.597	0.278	0.319	0.009	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg17179314	0.555	0.294	0.261	0.009	CHRNA4	Hypermethylated in P3F versus P7F
cg02474542	0.533	0.203	0.329	0.009	NA	Hypermethylated in P3F versus P7F
cg26785604	0.739	0.482	0.257	0.009	NA	Hypermethylated in P3F versus P7F
cg21165221	0.644	0.358	0.286	0.009	NA	Hypermethylated in P3F versus P7F
cg03854796	0.666	0.413	0.253	0.009	NA	Hypermethylated in P3F versus P7F
cg14208102	0.619	0.359	0.260	0.009	TREX1	Hypermethylated in P3F versus P7F
cg03006588	0.641	0.390	0.250	0.009	NA	Hypermethylated in P3F versus P7F
cg18369516	0.639	0.241	0.397	0.009	NA	Hypermethylated in P3F versus P7F
cg25042860	0.536	0.283	0.253	0.009	NA	Hypermethylated in P3F versus P7F
cg04036593	0.515	0.245	0.269	0.009	NA	Hypermethylated in P3F versus P7F
cg01137760	0.352	0.092	0.260	0.009	NA	Hypermethylated in P3F versus P7F
cg05915293	0.440	0.147	0.292	0.009	NA	Hypermethylated in P3F versus P7F
cg11644479	0.753	0.481	0.272	0.009	ASCL2	Hypermethylated in P3F versus P7F
cg07211292	0.530	0.201	0.329	0.009	NA	Hypermethylated in P3F versus P7F
cg23444101	0.645	0.294	0.351	0.009	ALS2CL	Hypermethylated in P3F versus P7F
cg18497508	0.595	0.263	0.331	0.009	NA	Hypermethylated in P3F versus P7F
cg06784545	0.636	0.384	0.252	0.009	NA	Hypermethylated in P3F versus P7F
cg18769818	0.468	0.212	0.255	0.009	ARAP1	Hypermethylated in P3F versus P7F
cg02185052	0.571	0.320	0.251	0.009	NA	Hypermethylated in P3F versus P7F
cg15442737	0.593	0.330	0.264	0.009	NA	Hypermethylated in P3F versus P7F
cg18823007	0.539	0.166	0.373	0.009	NA	Hypermethylated in P3F versus P7F
cg03577139	0.667	0.402	0.266	0.009	SOD3	Hypermethylated in P3F versus P7F
cg09496748	0.702	0.433	0.269	0.009	NA	Hypermethylated in P3F versus P7F
cg16332927	0.683	0.340	0.343	0.009	NA	Hypermethylated in P3F versus P7F
cg03904042	0.566	0.256	0.309	0.009	C20orf134	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg20713092	0.726	0.473	0.253	0.009	NA	Hypermethylated in P3F versus P7F
cg23695037	0.663	0.405	0.258	0.009	NA	Hypermethylated in P3F versus P7F
cg18024487	0.552	0.195	0.356	0.009	DERL3	Hypermethylated in P3F versus P7F
cg14621221	0.631	0.361	0.270	0.009	NA	Hypermethylated in P3F versus P7F
cg22777062	0.617	0.269	0.348	0.010	NA	Hypermethylated in P3F versus P7F
cg00409917	0.561	0.296	0.265	0.010	HCG4P6	Hypermethylated in P3F versus P7F
cg08266366	0.529	0.226	0.303	0.010	AQP5	Hypermethylated in P3F versus P7F
cg11234637	0.722	0.456	0.266	0.010	CYP26C1	Hypermethylated in P3F versus P7F
cg15069620	0.780	0.476	0.303	0.010	NA	Hypermethylated in P3F versus P7F
cg03924566	0.617	0.356	0.261	0.010	BAI1	Hypermethylated in P3F versus P7F
cg23932658	0.679	0.424	0.255	0.010	NA	Hypermethylated in P3F versus P7F
cg07246273	0.683	0.367	0.316	0.010	NA	Hypermethylated in P3F versus P7F
cg17534899	0.400	0.123	0.277	0.010	IQSEC1	Hypermethylated in P3F versus P7F
cg04717143	0.548	0.263	0.285	0.010	NA	Hypermethylated in P3F versus P7F
cg19452248	0.599	0.322	0.277	0.010	NA	Hypermethylated in P3F versus P7F
cg11790551	0.743	0.444	0.299	0.010	NA	Hypermethylated in P3F versus P7F
cg00691874	0.546	0.279	0.267	0.010	NA	Hypermethylated in P3F versus P7F
cg14372753	0.788	0.517	0.271	0.010	NA	Hypermethylated in P3F versus P7F
cg08345575	0.596	0.246	0.349	0.010	HMOX2	Hypermethylated in P3F versus P7F
cg07453857	0.671	0.417	0.254	0.010	NA	Hypermethylated in P3F versus P7F
cg05894847	0.532	0.266	0.266	0.010	NA	Hypermethylated in P3F versus P7F
cg26051413	0.678	0.338	0.340	0.010	ASCL2	Hypermethylated in P3F versus P7F
cg21238440	0.597	0.335	0.262	0.010	NA	Hypermethylated in P3F versus P7F
cg20703122	0.742	0.463	0.279	0.010	NA	Hypermethylated in P3F versus P7F
cg13291862	0.551	0.223	0.328	0.010	CHUK	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg15460093	0.323	0.055	0.268	0.01	ADAM8	Hypermethylated in P3F versus P7F
cg02468250	0.585	0.275	0.310	0.01	PAX6	Hypermethylated in P3F versus P7F
cg03086067	0.586	0.335	0.251	0.01	NA	Hypermethylated in P3F versus P7F
cg14248715	0.695	0.390	0.305	0.01	NA	Hypermethylated in P3F versus P7F
cg00921682	0.692	0.362	0.330	0.01	CEACAM21	Hypermethylated in P3F versus P7F
cg15923025	0.355	0.052	0.303	0.01	EIF4EBP3	Hypermethylated in P3F versus P7F
cg23855989	0.574	0.271	0.303	0.01	AQP5	Hypermethylated in P3F versus P7F
cg04776470	0.716	0.415	0.301	0.01	NA	Hypermethylated in P3F versus P7F
cg16421871	0.675	0.388	0.287	0.01	NA	Hypermethylated in P3F versus P7F
cg04295928	0.373	0.109	0.264	0.01	PGAP2	Hypermethylated in P3F versus P7F
cg22125805	0.597	0.323	0.275	0.01	NA	Hypermethylated in P3F versus P7F
cg15920743	0.577	0.233	0.344	0.01	NA	Hypermethylated in P3F versus P7F
cg01180479	0.488	0.180	0.309	0.01	NA	Hypermethylated in P3F versus P7F
cg24018520	0.595	0.287	0.308	0.01	NA	Hypermethylated in P3F versus P7F
cg24480695	0.422	0.109	0.313	0.01	NA	Hypermethylated in P3F versus P7F
cg02855836	0.679	0.387	0.293	0.01	NA	Hypermethylated in P3F versus P7F
cg11904906	0.569	0.314	0.255	0.01	LOC643387	Hypermethylated in P3F versus P7F
cg11798857	0.566	0.313	0.253	0.01	FOXA2	Hypermethylated in P3F versus P7F
cg01089249	0.713	0.425	0.288	0.01	NA	Hypermethylated in P3F versus P7F
cg10731022	0.405	0.099	0.306	0.01	EIF4EBP3	Hypermethylated in P3F versus P7F
cg16329658	0.657	0.385	0.272	0.01	NA	Hypermethylated in P3F versus P7F
cg16513459	0.646	0.285	0.361	0.01	KCNAB3	Hypermethylated in P3F versus P7F
cg15874481	0.655	0.337	0.318	0.01	NA	Hypermethylated in P3F versus P7F
cg19714279	0.638	0.355	0.283	0.01	GBX2	Hypermethylated in P3F versus P7F
cg06653203	0.662	0.360	0.302	0.01	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg16325826	0.864	0.600	0.263	0.010	NA	Hypermethylated in P3F versus P7F
cg13291283	0.419	0.112	0.306	0.010	NA	Hypermethylated in P3F versus P7F
cg16898124	0.628	0.338	0.290	0.010	ZXDC	Hypermethylated in P3F versus P7F
cg21379004	0.733	0.475	0.258	0.010	ALS2CL	Hypermethylated in P3F versus P7F
cg13197560	0.634	0.374	0.260	0.010	NA	Hypermethylated in P3F versus P7F
cg08153651	0.624	0.349	0.275	0.010	NA	Hypermethylated in P3F versus P7F
cg15467646	0.625	0.349	0.275	0.010	NA	Hypermethylated in P3F versus P7F
cg10316525	0.765	0.497	0.268	0.010	NA	Hypermethylated in P3F versus P7F
cg15561501	0.715	0.458	0.257	0.010	NA	Hypermethylated in P3F versus P7F
cg07643096	0.528	0.274	0.253	0.010	DCBLD1	Hypermethylated in P3F versus P7F
cg01141339	0.421	0.140	0.281	0.011	NA	Hypermethylated in P3F versus P7F
cg01480771	0.551	0.298	0.253	0.011	KLK4	Hypermethylated in P3F versus P7F
cg01148731	0.768	0.504	0.264	0.011	NA	Hypermethylated in P3F versus P7F
cg13411784	0.518	0.263	0.255	0.011	WDR85	Hypermethylated in P3F versus P7F
cg06666008	0.589	0.337	0.252	0.011	NA	Hypermethylated in P3F versus P7F
cg16828648	0.375	0.087	0.288	0.011	PGAP2	Hypermethylated in P3F versus P7F
cg23974194	0.761	0.482	0.279	0.011	NA	Hypermethylated in P3F versus P7F
cg19746186	0.685	0.431	0.254	0.011	NA	Hypermethylated in P3F versus P7F
cg02876293	0.494	0.232	0.261	0.011	NA	Hypermethylated in P3F versus P7F
cg17184430	0.633	0.363	0.269	0.011	NA	Hypermethylated in P3F versus P7F
cg19511748	0.621	0.369	0.252	0.011	NA	Hypermethylated in P3F versus P7F
cg25637894	0.672	0.367	0.305	0.011	NA	Hypermethylated in P3F versus P7F
cg19878200	0.684	0.401	0.283	0.011	NA	Hypermethylated in P3F versus P7F
cg03987506	0.617	0.361	0.256	0.011	NA	Hypermethylated in P3F versus P7F
cg26686732	0.667	0.409	0.258	0.011	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg16145211	0.574	0.209	0.365	0.011	NA	Hypermethylated in P3F versus P7F
cg16832975	0.722	0.370	0.352	0.011	NA	Hypermethylated in P3F versus P7F
cg27166381	0.521	0.237	0.283	0.011	NA	Hypermethylated in P3F versus P7F
cg16940012	0.727	0.417	0.310	0.011	NA	Hypermethylated in P3F versus P7F
cg02591564	0.806	0.494	0.313	0.011	NA	Hypermethylated in P3F versus P7F
cg02771142	0.683	0.404	0.279	0.011	NA	Hypermethylated in P3F versus P7F
cg09440270	0.539	0.268	0.271	0.011	CYP26C1	Hypermethylated in P3F versus P7F
cg16737517	0.602	0.253	0.349	0.011	NA	Hypermethylated in P3F versus P7F
cg05738240	0.538	0.207	0.331	0.011	NA	Hypermethylated in P3F versus P7F
cg20588069	0.744	0.493	0.251	0.011	MSX1	Hypermethylated in P3F versus P7F
cg26911562	0.345	0.069	0.276	0.011	EIF4EBP3	Hypermethylated in P3F versus P7F
cg07484220	0.601	0.312	0.289	0.011	NA	Hypermethylated in P3F versus P7F
cg14438885	0.495	0.237	0.257	0.011	NA	Hypermethylated in P3F versus P7F
cg13692105	0.683	0.408	0.275	0.011	SOHLH1	Hypermethylated in P3F versus P7F
cg14772800	0.658	0.363	0.295	0.011	NA	Hypermethylated in P3F versus P7F
cg12162138	0.627	0.254	0.374	0.011	NA	Hypermethylated in P3F versus P7F
cg01129004	0.429	0.160	0.269	0.011	NA	Hypermethylated in P3F versus P7F
cg20402783	0.681	0.407	0.274	0.011	NA	Hypermethylated in P3F versus P7F
cg10063637	0.443	0.156	0.287	0.011	HMOX2	Hypermethylated in P3F versus P7F
cg26365854	0.664	0.287	0.377	0.011	NA	Hypermethylated in P3F versus P7F
cg07043604	0.667	0.417	0.250	0.011	NA	Hypermethylated in P3F versus P7F
cg22871485	0.498	0.230	0.267	0.011	PRAME	Hypermethylated in P3F versus P7F
cg16304215	0.721	0.457	0.264	0.011	NA	Hypermethylated in P3F versus P7F
cg07124173	0.384	0.056	0.328	0.011	EIF4EBP3	Hypermethylated in P3F versus P7F
cg01768201	0.534	0.278	0.256	0.011	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg27088726	0.643	0.376	0.267	0.011	NA	Hypermethylated in P3F versus P7F
cg18372607	0.744	0.483	0.261	0.011	NA	Hypermethylated in P3F versus P7F
cg02389513	0.628	0.358	0.271	0.011	NA	Hypermethylated in P3F versus P7F
cg25682097	0.712	0.453	0.258	0.011	NA	Hypermethylated in P3F versus P7F
cg13415073	0.572	0.298	0.274	0.011	NA	Hypermethylated in P3F versus P7F
cg25492583	0.590	0.321	0.269	0.011	NA	Hypermethylated in P3F versus P7F
cg27587568	0.781	0.504	0.277	0.011	NA	Hypermethylated in P3F versus P7F
cg26724949	0.690	0.352	0.338	0.011	NA	Hypermethylated in P3F versus P7F
cg02225085	0.679	0.412	0.267	0.011	NA	Hypermethylated in P3F versus P7F
cg26955845	0.587	0.287	0.299	0.011	NA	Hypermethylated in P3F versus P7F
cg23881725	0.652	0.382	0.270	0.011	DLEC1	Hypermethylated in P3F versus P7F
cg13433250	0.525	0.213	0.313	0.011	LOC100132215	Hypermethylated in P3F versus P7F
cg08087868	0.567	0.286	0.281	0.011	NA	Hypermethylated in P3F versus P7F
cg15934104	0.739	0.477	0.262	0.011	NA	Hypermethylated in P3F versus P7F
cg17542408	0.682	0.310	0.372	0.012	NA	Hypermethylated in P3F versus P7F
cg10474881	0.715	0.368	0.347	0.012	NA	Hypermethylated in P3F versus P7F
cg09173378	0.751	0.488	0.263	0.012	NA	Hypermethylated in P3F versus P7F
cg12225220	0.601	0.346	0.255	0.012	MAPK10	Hypermethylated in P3F versus P7F
cg24673101	0.510	0.250	0.260	0.012	CCDC85C	Hypermethylated in P3F versus P7F
cg13840174	0.670	0.352	0.319	0.012	NA	Hypermethylated in P3F versus P7F
cg20536041	0.592	0.307	0.285	0.012	NA	Hypermethylated in P3F versus P7F
cg26132737	0.681	0.407	0.274	0.012	NA	Hypermethylated in P3F versus P7F
cg00989853	0.490	0.234	0.257	0.012	IRF6	Hypermethylated in P3F versus P7F
cg10494028	0.702	0.425	0.277	0.012	NA	Hypermethylated in P3F versus P7F
cg02317299	0.467	0.199	0.268	0.012	MYO1C	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg08961196	0.610	0.354	0.256	0.012	MFHAS1	Hypermethylated in P3F versus P7F
cg23136742	0.706	0.446	0.260	0.012	NA	Hypermethylated in P3F versus P7F
cg08006625	0.507	0.226	0.281	0.012	NA	Hypermethylated in P3F versus P7F
cg10397678	0.629	0.352	0.277	0.012	NA	Hypermethylated in P3F versus P7F
cg26631039	0.556	0.197	0.359	0.012	NA	Hypermethylated in P3F versus P7F
cg11940726	0.673	0.380	0.293	0.012	NA	Hypermethylated in P3F versus P7F
cg18869404	0.624	0.349	0.275	0.012	NA	Hypermethylated in P3F versus P7F
cg11793699	0.682	0.338	0.344	0.012	NA	Hypermethylated in P3F versus P7F
cg21907107	0.658	0.346	0.312	0.012	NA	Hypermethylated in P3F versus P7F
cg19814981	0.731	0.476	0.255	0.012	NA	Hypermethylated in P3F versus P7F
cg24082368	0.592	0.315	0.277	0.012	NA	Hypermethylated in P3F versus P7F
cg25101225	0.779	0.517	0.262	0.012	NA	Hypermethylated in P3F versus P7F
cg07279281	0.629	0.324	0.305	0.012	ALS2CL	Hypermethylated in P3F versus P7F
cg10886095	0.542	0.272	0.270	0.012	NA	Hypermethylated in P3F versus P7F
cg27642470	0.724	0.448	0.276	0.012	DCBLD1	Hypermethylated in P3F versus P7F
cg14040131	0.610	0.360	0.250	0.012	GPSM1	Hypermethylated in P3F versus P7F
cg12765064	0.710	0.400	0.310	0.012	NA	Hypermethylated in P3F versus P7F
cg00143220	0.448	0.172	0.276	0.012	NA	Hypermethylated in P3F versus P7F
cg27077033	0.652	0.377	0.276	0.012	NA	Hypermethylated in P3F versus P7F
cg25417842	0.682	0.342	0.340	0.012	NA	Hypermethylated in P3F versus P7F
cg26228577	0.476	0.195	0.281	0.012	NA	Hypermethylated in P3F versus P7F
cg02606403	0.447	0.196	0.251	0.012	LOC100132215	Hypermethylated in P3F versus P7F
cg03655683	0.705	0.447	0.258	0.012	NA	Hypermethylated in P3F versus P7F
cg24534926	0.526	0.275	0.251	0.012	NA	Hypermethylated in P3F versus P7F
cg12670477	0.476	0.150	0.326	0.012	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg19380499	0.490	0.204	0.286	0.012	NA	Hypermethylated in P3F versus P7F
cg02091185	0.566	0.310	0.256	0.012	RANBP17	Hypermethylated in P3F versus P7F
cg21272465	0.493	0.220	0.273	0.012	LOC643387	Hypermethylated in P3F versus P7F
cg25167447	0.741	0.462	0.280	0.012	NAV1	Hypermethylated in P3F versus P7F
cg25729166	0.616	0.338	0.278	0.012	NA	Hypermethylated in P3F versus P7F
cg22644012	0.583	0.321	0.262	0.012	NA	Hypermethylated in P3F versus P7F
cg05365033	0.690	0.396	0.294	0.012	NA	Hypermethylated in P3F versus P7F
cg02915785	0.596	0.337	0.259	0.013	NA	Hypermethylated in P3F versus P7F
cg00445126	0.507	0.201	0.305	0.013	LOC100132215	Hypermethylated in P3F versus P7F
cg06710900	0.479	0.218	0.260	0.013	IQSEC1	Hypermethylated in P3F versus P7F
cg10161111	0.612	0.347	0.265	0.013	NA	Hypermethylated in P3F versus P7F
cg01832036	0.440	0.147	0.293	0.013	DLX4	Hypermethylated in P3F versus P7F
cg04990724	0.539	0.221	0.318	0.013	ALS2CL	Hypermethylated in P3F versus P7F
cg09187933	0.379	0.094	0.285	0.013	NA	Hypermethylated in P3F versus P7F
cg16556145	0.544	0.273	0.271	0.013	CLDN10	Hypermethylated in P3F versus P7F
cg08582485	0.624	0.348	0.276	0.013	NA	Hypermethylated in P3F versus P7F
cg24317827	0.675	0.418	0.256	0.013	NA	Hypermethylated in P3F versus P7F
cg04371726	0.524	0.236	0.289	0.013	NA	Hypermethylated in P3F versus P7F
cg11144753	0.565	0.239	0.326	0.013	NA	Hypermethylated in P3F versus P7F
cg23661204	0.491	0.195	0.295	0.013	CD3EAP_PPP1R13L	Hypermethylated in P3F versus P7F
cg24869272	0.488	0.170	0.318	0.013	NA	Hypermethylated in P3F versus P7F
cg21178689	0.643	0.338	0.305	0.013	NA	Hypermethylated in P3F versus P7F
cg19112895	0.574	0.263	0.311	0.013	NA	Hypermethylated in P3F versus P7F
cg18224395	0.639	0.381	0.258	0.013	NA	Hypermethylated in P3F versus P7F
cg10606029	0.581	0.255	0.325	0.013	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg18912520	0.587	0.292	0.295	0.013	NA	Hypermethylated in P3F versus P7F
cg06059056	0.521	0.214	0.307	0.013	IQSEC1	Hypermethylated in P3F versus P7F
cg15331332	0.569	0.312	0.256	0.013	NA	Hypermethylated in P3F versus P7F
cg00995986	0.611	0.267	0.344	0.013	NA	Hypermethylated in P3F versus P7F
cg08381274	0.496	0.243	0.253	0.013	NA	Hypermethylated in P3F versus P7F
cg15147841	0.509	0.248	0.260	0.013	NA	Hypermethylated in P3F versus P7F
cg19028462	0.643	0.334	0.309	0.013	NA	Hypermethylated in P3F versus P7F
cg13442428	0.528	0.185	0.343	0.013	USP2	Hypermethylated in P3F versus P7F
cg18126442	0.546	0.223	0.322	0.013	LOC100132215	Hypermethylated in P3F versus P7F
cg17138769	0.497	0.227	0.270	0.013	NA	Hypermethylated in P3F versus P7F
cg18088494	0.479	0.163	0.316	0.013	NA	Hypermethylated in P3F versus P7F
cg17933787	0.700	0.441	0.259	0.013	NA	Hypermethylated in P3F versus P7F
cg05017199	0.403	0.144	0.259	0.013	TMEM176B_TMEM176A	Hypermethylated in P3F versus P7F
cg02245004	0.381	0.099	0.282	0.013	NA	Hypermethylated in P3F versus P7F
cg23275958	0.564	0.256	0.308	0.013	NA	Hypermethylated in P3F versus P7F
cg06006071	0.362	0.072	0.290	0.013	NA	Hypermethylated in P3F versus P7F
cg23652859	0.509	0.257	0.252	0.013	NA	Hypermethylated in P3F versus P7F
cg25419506	0.405	0.098	0.308	0.013	EIF4EBP3	Hypermethylated in P3F versus P7F
cg18007959	0.445	0.189	0.256	0.013	NA	Hypermethylated in P3F versus P7F
cg02311725	0.629	0.378	0.251	0.013	HCK	Hypermethylated in P3F versus P7F
cg26493054	0.417	0.159	0.258	0.013	NA	Hypermethylated in P3F versus P7F
cg00562180	0.630	0.367	0.263	0.014	NA	Hypermethylated in P3F versus P7F
cg16190388	0.612	0.358	0.254	0.014	NA	Hypermethylated in P3F versus P7F
cg02004337	0.628	0.352	0.276	0.014	NA	Hypermethylated in P3F versus P7F
cg04483711	0.562	0.269	0.293	0.014	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg08557246	0.547	0.281	0.266	0.014	NA	Hypermethylated in P3F versus P7F
cg11418389	0.639	0.332	0.307	0.014	NA	Hypermethylated in P3F versus P7F
cg19203457	0.505	0.253	0.253	0.014	NA	Hypermethylated in P3F versus P7F
cg25650076	0.582	0.297	0.285	0.014	NA	Hypermethylated in P3F versus P7F
cg04527018	0.738	0.473	0.265	0.014	NA	Hypermethylated in P3F versus P7F
cg11178337	0.715	0.426	0.288	0.014	NA	Hypermethylated in P3F versus P7F
cg03388266	0.727	0.473	0.255	0.014	NA	Hypermethylated in P3F versus P7F
cg23319601	0.473	0.195	0.278	0.014	NA	Hypermethylated in P3F versus P7F
cg00030422	0.465	0.210	0.255	0.014	DLEC1	Hypermethylated in P3F versus P7F
cg25520679	0.531	0.239	0.292	0.014	HIC1	Hypermethylated in P3F versus P7F
cg14918082	0.646	0.298	0.348	0.014	KCNAB3	Hypermethylated in P3F versus P7F
cg14840351	0.472	0.201	0.271	0.014	NA	Hypermethylated in P3F versus P7F
cg21227867	0.631	0.374	0.257	0.014	NA	Hypermethylated in P3F versus P7F
cg22132982	0.647	0.384	0.263	0.014	NA	Hypermethylated in P3F versus P7F
cg06246357	0.738	0.418	0.319	0.014	NA	Hypermethylated in P3F versus P7F
cg12702354	0.731	0.447	0.284	0.014	NA	Hypermethylated in P3F versus P7F
cg08408994	0.656	0.312	0.345	0.014	NA	Hypermethylated in P3F versus P7F
cg23709902	0.441	0.180	0.261	0.014	NA	Hypermethylated in P3F versus P7F
cg20286236	0.676	0.338	0.338	0.014	MIR193A	Hypermethylated in P3F versus P7F
cg10322504	0.552	0.269	0.283	0.014	NA	Hypermethylated in P3F versus P7F
cg05622465	0.527	0.273	0.254	0.014	ALX3	Hypermethylated in P3F versus P7F
cg19921279	0.488	0.198	0.290	0.014	TSSK3	Hypermethylated in P3F versus P7F
cg08455099	0.634	0.313	0.322	0.014	NA	Hypermethylated in P3F versus P7F
cg16683770	0.443	0.161	0.283	0.014	NA	Hypermethylated in P3F versus P7F
cg08935125	0.702	0.433	0.269	0.014	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg06422471	0.384	0.124	0.259	0.014	NA	Hypermethylated in P3F versus P7F
cg03609088	0.575	0.308	0.267	0.014	NA	Hypermethylated in P3F versus P7F
cg12406391	0.403	0.143	0.260	0.014	NA	Hypermethylated in P3F versus P7F
cg26612230	0.790	0.522	0.268	0.014	NA	Hypermethylated in P3F versus P7F
cg16703762	0.665	0.370	0.294	0.014	NA	Hypermethylated in P3F versus P7F
cg08327690	0.360	0.094	0.266	0.014	NA	Hypermethylated in P3F versus P7F
cg16535493	0.632	0.355	0.277	0.014	GRB10	Hypermethylated in P3F versus P7F
cg13713830	0.487	0.212	0.275	0.014	NA	Hypermethylated in P3F versus P7F
cg08877617	0.487	0.198	0.288	0.014	SLC12A4	Hypermethylated in P3F versus P7F
cg25977938	0.756	0.501	0.255	0.015	NA	Hypermethylated in P3F versus P7F
cg17109725	0.480	0.189	0.292	0.015	NA	Hypermethylated in P3F versus P7F
cg07197785	0.452	0.164	0.288	0.015	NA	Hypermethylated in P3F versus P7F
cg22783363	0.550	0.261	0.289	0.015	TNFRSF10D	Hypermethylated in P3F versus P7F
cg21165519	0.634	0.374	0.260	0.015	NA	Hypermethylated in P3F versus P7F
cg13530938	0.689	0.427	0.262	0.015	LOC643387	Hypermethylated in P3F versus P7F
cg19895894	0.703	0.397	0.305	0.015	NA	Hypermethylated in P3F versus P7F
cg01363714	0.692	0.400	0.293	0.015	NA	Hypermethylated in P3F versus P7F
cg04406111	0.550	0.287	0.262	0.015	NA	Hypermethylated in P3F versus P7F
cg03170698	0.663	0.329	0.334	0.015	DYSF	Hypermethylated in P3F versus P7F
cg09234672	0.563	0.293	0.269	0.015	NA	Hypermethylated in P3F versus P7F
cg27401543	0.648	0.396	0.252	0.015	NA	Hypermethylated in P3F versus P7F
cg18507379	0.496	0.241	0.255	0.015	PCDHGB6	Hypermethylated in P3F versus P7F
cg27162435	0.684	0.363	0.321	0.015	KCNAB3	Hypermethylated in P3F versus P7F
cg02827132	0.809	0.543	0.266	0.015	NA	Hypermethylated in P3F versus P7F
cg02486086	0.637	0.282	0.354	0.015	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg25597894	0.342	0.076	0.266	0.015	NA	Hypermethylated in P3F versus P7F
cg03356595	0.606	0.284	0.323	0.015	NA	Hypermethylated in P3F versus P7F
cg16236270	0.533	0.253	0.280	0.015	NA	Hypermethylated in P3F versus P7F
cg11471802	0.793	0.531	0.262	0.015	NA	Hypermethylated in P3F versus P7F
cg04548856	0.739	0.454	0.285	0.015	NA	Hypermethylated in P3F versus P7F
cg01435643	0.485	0.226	0.260	0.015	NA	Hypermethylated in P3F versus P7F
cg22764044	0.545	0.242	0.303	0.015	RUFY1	Hypermethylated in P3F versus P7F
cg24871414	0.631	0.295	0.336	0.015	NA	Hypermethylated in P3F versus P7F
cg19585156	0.452	0.133	0.319	0.015	NA	Hypermethylated in P3F versus P7F
cg11459266	0.667	0.399	0.268	0.015	NA	Hypermethylated in P3F versus P7F
cg25297255	0.603	0.347	0.257	0.015	NA	Hypermethylated in P3F versus P7F
cg17981058	0.714	0.436	0.278	0.015	NA	Hypermethylated in P3F versus P7F
cg22481960	0.600	0.281	0.319	0.015	NA	Hypermethylated in P3F versus P7F
cg16593628	0.594	0.315	0.280	0.015	NA	Hypermethylated in P3F versus P7F
cg14122138	0.401	0.128	0.272	0.015	NA	Hypermethylated in P3F versus P7F
cg24335138	0.549	0.212	0.337	0.015	NA	Hypermethylated in P3F versus P7F
cg06575144	0.443	0.172	0.271	0.015	NA	Hypermethylated in P3F versus P7F
cg01916088	0.678	0.366	0.312	0.015	NA	Hypermethylated in P3F versus P7F
cg19455322	0.722	0.458	0.265	0.015	ALS2CL	Hypermethylated in P3F versus P7F
cg02905426	0.756	0.502	0.254	0.015	FAM76A	Hypermethylated in P3F versus P7F
cg05361373	0.567	0.266	0.300	0.015	PYCARD	Hypermethylated in P3F versus P7F
cg11092487	0.652	0.378	0.274	0.015	NA	Hypermethylated in P3F versus P7F
cg04603130	0.555	0.297	0.258	0.015	NA	Hypermethylated in P3F versus P7F
cg14473344	0.436	0.175	0.260	0.015	NA	Hypermethylated in P3F versus P7F
cg01965874	0.585	0.322	0.263	0.015	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg07510423	0.552	0.241	0.311	0.016	C2orf40	Hypermethylated in P3F versus P7F
cg16788286	0.556	0.213	0.343	0.016	NA	Hypermethylated in P3F versus P7F
cg15092343	0.762	0.461	0.301	0.016	MSX1	Hypermethylated in P3F versus P7F
cg26338947	0.499	0.231	0.268	0.016	NA	Hypermethylated in P3F versus P7F
cg12848808	0.765	0.502	0.263	0.016	NA	Hypermethylated in P3F versus P7F
cg17631451	0.613	0.352	0.261	0.016	TREX1	Hypermethylated in P3F versus P7F
cg14872952	0.510	0.189	0.321	0.016	NA	Hypermethylated in P3F versus P7F
cg14397171	0.620	0.351	0.269	0.016	NA	Hypermethylated in P3F versus P7F
cg08425203	0.615	0.315	0.299	0.016	NA	Hypermethylated in P3F versus P7F
cg14020762	0.509	0.213	0.296	0.016	NA	Hypermethylated in P3F versus P7F
cg00073837	0.586	0.327	0.259	0.016	NA	Hypermethylated in P3F versus P7F
cg08473330	0.640	0.365	0.275	0.016	NA	Hypermethylated in P3F versus P7F
cg09698465	0.623	0.343	0.280	0.016	NA	Hypermethylated in P3F versus P7F
cg14435098	0.545	0.291	0.254	0.016	NA	Hypermethylated in P3F versus P7F
cg03899721	0.887	0.621	0.266	0.016	MFHAS1	Hypermethylated in P3F versus P7F
cg27179622	0.627	0.338	0.289	0.016	NA	Hypermethylated in P3F versus P7F
cg13407335	0.672	0.307	0.365	0.016	KCNAB3	Hypermethylated in P3F versus P7F
cg13885561	0.623	0.337	0.287	0.016	KCNQ1DN	Hypermethylated in P3F versus P7F
cg09947795	0.767	0.516	0.250	0.016	NA	Hypermethylated in P3F versus P7F
cg06223539	0.450	0.194	0.256	0.016	NA	Hypermethylated in P3F versus P7F
cg04792330	0.564	0.254	0.310	0.016	NA	Hypermethylated in P3F versus P7F
cg17573301	0.549	0.227	0.322	0.016	NA	Hypermethylated in P3F versus P7F
cg11857997	0.663	0.358	0.305	0.016	NA	Hypermethylated in P3F versus P7F
cg16430687	0.601	0.335	0.266	0.016	NA	Hypermethylated in P3F versus P7F
cg11639849	0.611	0.277	0.334	0.016	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg26084484	0.320	0.050	0.269	0.016	EIF4EBP3	Hypermethylated in P3F versus P7F
cg12071544	0.721	0.438	0.284	0.016	NA	Hypermethylated in P3F versus P7F
cg19236794	0.489	0.217	0.271	0.016	NA	Hypermethylated in P3F versus P7F
cg09714458	0.557	0.292	0.265	0.016	NA	Hypermethylated in P3F versus P7F
cg14460195	0.615	0.320	0.296	0.016	NA	Hypermethylated in P3F versus P7F
cg01665555	0.566	0.280	0.286	0.016	PAX6	Hypermethylated in P3F versus P7F
cg15177855	0.652	0.389	0.264	0.016	NA	Hypermethylated in P3F versus P7F
cg07815836	0.646	0.394	0.252	0.016	NA	Hypermethylated in P3F versus P7F
cg05071974	0.355	0.077	0.278	0.016	EIF4EBP3	Hypermethylated in P3F versus P7F
cg19044229	0.522	0.242	0.280	0.016	NA	Hypermethylated in P3F versus P7F
cg11031064	0.381	0.108	0.272	0.016	NA	Hypermethylated in P3F versus P7F
cg03822639	0.604	0.354	0.250	0.016	PALLD	Hypermethylated in P3F versus P7F
cg25270574	0.661	0.381	0.280	0.016	NA	Hypermethylated in P3F versus P7F
cg01716827	0.666	0.398	0.267	0.016	NA	Hypermethylated in P3F versus P7F
cg25844605	0.530	0.241	0.289	0.016	LOC149837	Hypermethylated in P3F versus P7F
cg01797488	0.494	0.190	0.303	0.017	LOC440461	Hypermethylated in P3F versus P7F
cg16151451	0.489	0.219	0.270	0.017	NA	Hypermethylated in P3F versus P7F
cg25130385	0.469	0.204	0.266	0.017	NA	Hypermethylated in P3F versus P7F
cg04798016	0.567	0.228	0.339	0.017	NA	Hypermethylated in P3F versus P7F
cg24112010	0.661	0.405	0.256	0.017	NA	Hypermethylated in P3F versus P7F
cg17220278	0.755	0.443	0.313	0.017	NA	Hypermethylated in P3F versus P7F
cg17029019	0.551	0.213	0.338	0.017	HIC1	Hypermethylated in P3F versus P7F
cg21464704	0.707	0.441	0.267	0.017	NA	Hypermethylated in P3F versus P7F
cg00921266	0.450	0.172	0.278	0.017	HOXA3	Hypermethylated in P3F versus P7F
cg15361373	0.489	0.219	0.270	0.017	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg17171215	0.640	0.351	0.289	0.017	NA	Hypermethylated in P3F versus P7F
cg13539205	0.577	0.317	0.260	0.017	NA	Hypermethylated in P3F versus P7F
cg22129545	0.523	0.214	0.309	0.017	UCN	Hypermethylated in P3F versus P7F
cg11841771	0.499	0.240	0.259	0.017	NA	Hypermethylated in P3F versus P7F
cg12989851	0.514	0.258	0.256	0.017	NA	Hypermethylated in P3F versus P7F
cg15679064	0.636	0.372	0.264	0.017	NA	Hypermethylated in P3F versus P7F
cg04861869	0.711	0.413	0.297	0.017	NA	Hypermethylated in P3F versus P7F
cg06837311	0.342	0.084	0.258	0.017	NA	Hypermethylated in P3F versus P7F
cg24465224	0.583	0.303	0.280	0.017	NA	Hypermethylated in P3F versus P7F
cg15872458	0.678	0.397	0.281	0.017	NA	Hypermethylated in P3F versus P7F
cg07592361	0.483	0.212	0.271	0.017	NA	Hypermethylated in P3F versus P7F
cg09587549	0.563	0.282	0.281	0.017	PYCARD	Hypermethylated in P3F versus P7F
cg19157853	0.683	0.401	0.282	0.017	NA	Hypermethylated in P3F versus P7F
cg03431741	0.605	0.340	0.265	0.017	NA	Hypermethylated in P3F versus P7F
cg10188048	0.528	0.248	0.280	0.017	NA	Hypermethylated in P3F versus P7F
cg01763890	0.648	0.393	0.255	0.018	NA	Hypermethylated in P3F versus P7F
cg26365545	0.574	0.296	0.277	0.018	NA	Hypermethylated in P3F versus P7F
cg17302155	0.519	0.237	0.282	0.018	NA	Hypermethylated in P3F versus P7F
cg04564481	0.649	0.379	0.269	0.018	CYP26C1	Hypermethylated in P3F versus P7F
cg18451016	0.495	0.171	0.324	0.018	NA	Hypermethylated in P3F versus P7F
cg18755846	0.491	0.213	0.278	0.018	NA	Hypermethylated in P3F versus P7F
cg12537329	0.630	0.351	0.279	0.018	NA	Hypermethylated in P3F versus P7F
cg03885037	0.442	0.190	0.252	0.018	NA	Hypermethylated in P3F versus P7F
cg00530568	0.749	0.499	0.250	0.018	NA	Hypermethylated in P3F versus P7F
cg22625519	0.721	0.459	0.261	0.018	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg04025970	0.633	0.351	0.282	0.018	NA	Hypermethylated in P3F versus P7F
cg11816841	0.672	0.348	0.324	0.018	NA	Hypermethylated in P3F versus P7F
cg27316598	0.632	0.380	0.252	0.018	NA	Hypermethylated in P3F versus P7F
cg17421241	0.629	0.376	0.253	0.018	NA	Hypermethylated in P3F versus P7F
cg03995122	0.631	0.329	0.302	0.018	HCG4P6	Hypermethylated in P3F versus P7F
cg09681167	0.670	0.395	0.276	0.018	GBX2	Hypermethylated in P3F versus P7F
cg13833437	0.517	0.258	0.259	0.018	UCN	Hypermethylated in P3F versus P7F
cg14169333	0.560	0.231	0.330	0.018	NA	Hypermethylated in P3F versus P7F
cg03415617	0.595	0.337	0.257	0.018	NA	Hypermethylated in P3F versus P7F
cg14120049	0.695	0.444	0.251	0.018	NA	Hypermethylated in P3F versus P7F
cg02478907	0.704	0.452	0.252	0.018	BAI1	Hypermethylated in P3F versus P7F
cg24027068	0.710	0.446	0.264	0.018	NA	Hypermethylated in P3F versus P7F
cg09866102	0.667	0.368	0.298	0.019	PYCARD	Hypermethylated in P3F versus P7F
cg17514558	0.686	0.417	0.269	0.019	NA	Hypermethylated in P3F versus P7F
cg15155463	0.646	0.389	0.257	0.019	DYSF	Hypermethylated in P3F versus P7F
cg17039236	0.612	0.343	0.268	0.019	NA	Hypermethylated in P3F versus P7F
cg14535068	0.375	0.109	0.267	0.019	NA	Hypermethylated in P3F versus P7F
cg01181307	0.616	0.355	0.261	0.019	BRF1_BTBD6	Hypermethylated in P3F versus P7F
cg16640865	0.659	0.346	0.313	0.019	NA	Hypermethylated in P3F versus P7F
cg18675097	0.657	0.391	0.267	0.019	NKAPL	Hypermethylated in P3F versus P7F
cg14655994	0.648	0.397	0.251	0.019	NA	Hypermethylated in P3F versus P7F
cg06705862	0.640	0.369	0.271	0.019	NA	Hypermethylated in P3F versus P7F
cg13682095	0.413	0.102	0.311	0.019	NA	Hypermethylated in P3F versus P7F
cg24690231	0.503	0.230	0.273	0.019	NA	Hypermethylated in P3F versus P7F
cg10002185	0.579	0.308	0.271	0.019	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg03764092	0.642	0.317	0.326	0.019	NA	Hypermethylated in P3F versus P7F
cg15566554	0.443	0.172	0.271	0.019	TTYH2	Hypermethylated in P3F versus P7F
cg21730805	0.603	0.346	0.257	0.019	NA	Hypermethylated in P3F versus P7F
cg25896644	0.442	0.190	0.252	0.019	NA	Hypermethylated in P3F versus P7F
cg24912415	0.640	0.370	0.271	0.020	NA	Hypermethylated in P3F versus P7F
cg13462219	0.600	0.321	0.279	0.020	NA	Hypermethylated in P3F versus P7F
cg05645812	0.394	0.141	0.253	0.020	NA	Hypermethylated in P3F versus P7F
cg11251614	0.694	0.412	0.283	0.020	NA	Hypermethylated in P3F versus P7F
cg16101739	0.498	0.239	0.259	0.020	NA	Hypermethylated in P3F versus P7F
cg23882658	0.450	0.162	0.288	0.020	HIC1	Hypermethylated in P3F versus P7F
cg09661951	0.693	0.397	0.296	0.020	NA	Hypermethylated in P3F versus P7F
cg19619416	0.669	0.410	0.259	0.020	NA	Hypermethylated in P3F versus P7F
cg05875410	0.620	0.354	0.267	0.020	NA	Hypermethylated in P3F versus P7F
cg01673674	0.646	0.395	0.251	0.020	NA	Hypermethylated in P3F versus P7F
cg00807586	0.647	0.360	0.287	0.020	DLEC1	Hypermethylated in P3F versus P7F
cg05457628	0.519	0.227	0.292	0.020	RUFY1	Hypermethylated in P3F versus P7F
cg12110980	0.538	0.279	0.259	0.020	NA	Hypermethylated in P3F versus P7F
cg10102242	0.551	0.285	0.266	0.020	NA	Hypermethylated in P3F versus P7F
cg01323777	0.689	0.336	0.354	0.020	KCNAB3	Hypermethylated in P3F versus P7F
cg02732915	0.747	0.466	0.282	0.020	NA	Hypermethylated in P3F versus P7F
cg25016544	0.540	0.284	0.256	0.020	NA	Hypermethylated in P3F versus P7F
cg13850380	0.522	0.236	0.287	0.020	NA	Hypermethylated in P3F versus P7F
cg14602530	0.606	0.304	0.301	0.020	NA	Hypermethylated in P3F versus P7F
cg01313904	0.701	0.361	0.340	0.020	NA	Hypermethylated in P3F versus P7F
cg06395414	0.543	0.270	0.273	0.020	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg18653560	0.867	0.593	0.274	0.020	NA	Hypermethylated in P3F versus P7F
cg03096126	0.481	0.200	0.281	0.020	NA	Hypermethylated in P3F versus P7F
cg19619174	0.619	0.339	0.280	0.020	NA	Hypermethylated in P3F versus P7F
cg02633761	0.371	0.110	0.261	0.020	IQSEC1	Hypermethylated in P3F versus P7F
cg10508317	0.552	0.240	0.312	0.021	NA	Hypermethylated in P3F versus P7F
cg21097283	0.550	0.293	0.257	0.021	OTP	Hypermethylated in P3F versus P7F
cg09073799	0.462	0.182	0.281	0.021	NA	Hypermethylated in P3F versus P7F
cg11144056	0.308	0.054	0.255	0.021	HIC1	Hypermethylated in P3F versus P7F
cg12417362	0.606	0.321	0.285	0.021	NAV1	Hypermethylated in P3F versus P7F
cg16336586	0.630	0.367	0.263	0.021	NA	Hypermethylated in P3F versus P7F
cg01047586	0.795	0.539	0.256	0.021	NA	Hypermethylated in P3F versus P7F
cg09318508	0.599	0.329	0.270	0.021	DYSF	Hypermethylated in P3F versus P7F
cg25810938	0.393	0.100	0.293	0.021	NA	Hypermethylated in P3F versus P7F
cg12046758	0.608	0.273	0.335	0.021	NA	Hypermethylated in P3F versus P7F
cg26516362	0.554	0.241	0.313	0.021	RUFY1	Hypermethylated in P3F versus P7F
cg27136740	0.483	0.216	0.266	0.021	NA	Hypermethylated in P3F versus P7F
cg02488129	0.578	0.318	0.259	0.021	NA	Hypermethylated in P3F versus P7F
cg14535980	0.568	0.311	0.257	0.022	C2orf40	Hypermethylated in P3F versus P7F
cg13720865	0.553	0.290	0.262	0.022	NA	Hypermethylated in P3F versus P7F
cg16065538	0.518	0.256	0.262	0.022	NA	Hypermethylated in P3F versus P7F
cg07357157	0.618	0.351	0.267	0.022	NA	Hypermethylated in P3F versus P7F
cg09313745	0.732	0.453	0.280	0.022	NA	Hypermethylated in P3F versus P7F
cg06299284	0.636	0.330	0.307	0.022	DRD4	Hypermethylated in P3F versus P7F
cg17508991	0.516	0.221	0.295	0.022	HCK	Hypermethylated in P3F versus P7F
cg01962676	0.462	0.156	0.306	0.022	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg06728252	0.509	0.228	0.281	0.022	NA	Hypermethylated in P3F versus P7F
cg15174117	0.629	0.349	0.280	0.022	NA	Hypermethylated in P3F versus P7F
cg10325383	0.603	0.347	0.255	0.022	NA	Hypermethylated in P3F versus P7F
cg16438688	0.632	0.359	0.272	0.022	NA	Hypermethylated in P3F versus P7F
cg21017569	0.725	0.401	0.324	0.022	KCNAB3	Hypermethylated in P3F versus P7F
cg15564444	0.568	0.273	0.295	0.022	NA	Hypermethylated in P3F versus P7F
cg00143249	0.548	0.282	0.266	0.022	NA	Hypermethylated in P3F versus P7F
cg24091371	0.456	0.179	0.276	0.022	XKR8	Hypermethylated in P3F versus P7F
cg05113840	0.546	0.281	0.265	0.022	NA	Hypermethylated in P3F versus P7F
cg11767181	0.430	0.127	0.303	0.022	NA	Hypermethylated in P3F versus P7F
cg05113927	0.497	0.184	0.313	0.023	UCN	Hypermethylated in P3F versus P7F
cg15861585	0.372	0.117	0.255	0.023	DRD4	Hypermethylated in P3F versus P7F
cg16570157	0.668	0.376	0.292	0.023	NA	Hypermethylated in P3F versus P7F
cg00981994	0.607	0.355	0.253	0.023	NA	Hypermethylated in P3F versus P7F
cg23401796	0.644	0.363	0.281	0.023	NA	Hypermethylated in P3F versus P7F
cg22197050	0.552	0.299	0.252	0.023	LOC100132215	Hypermethylated in P3F versus P7F
cg25416067	0.660	0.407	0.253	0.023	9-Sep	Hypermethylated in P3F versus P7F
cg00486340	0.654	0.396	0.258	0.023	MSX1	Hypermethylated in P3F versus P7F
cg21545862	0.659	0.311	0.348	0.024	NA	Hypermethylated in P3F versus P7F
cg12727398	0.604	0.277	0.326	0.024	NA	Hypermethylated in P3F versus P7F
cg15028052	0.349	0.096	0.254	0.024	UCKL1	Hypermethylated in P3F versus P7F
cg17416280	0.299	0.047	0.253	0.024	HIC1	Hypermethylated in P3F versus P7F
cg11027058	0.661	0.344	0.317	0.024	DYSF	Hypermethylated in P3F versus P7F
cg07687548	0.447	0.150	0.296	0.024	NA	Hypermethylated in P3F versus P7F
cg06186450	0.503	0.244	0.259	0.024	SHC1	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg17964844	0.678	0.409	0.268	0.024	NA	Hypermethylated in P3F versus P7F
cg06285590	0.517	0.229	0.288	0.024	NA	Hypermethylated in P3F versus P7F
cg05398903	0.507	0.232	0.275	0.024	NA	Hypermethylated in P3F versus P7F
cg24670552	0.594	0.329	0.265	0.024	IRS2	Hypermethylated in P3F versus P7F
cg19306063	0.539	0.254	0.285	0.024	C10orf125	Hypermethylated in P3F versus P7F
cg15951188	0.661	0.351	0.311	0.024	KCNAB3	Hypermethylated in P3F versus P7F
cg14834267	0.583	0.269	0.314	0.024	NAV1	Hypermethylated in P3F versus P7F
cg21838979	0.628	0.350	0.279	0.024	C2orf40	Hypermethylated in P3F versus P7F
cg17966560	0.527	0.275	0.251	0.024	NA	Hypermethylated in P3F versus P7F
cg09847153	0.456	0.183	0.273	0.024	NA	Hypermethylated in P3F versus P7F
cg13377102	0.683	0.343	0.341	0.024	KCNAB3	Hypermethylated in P3F versus P7F
cg13003054	0.363	0.110	0.254	0.024	PATZ1	Hypermethylated in P3F versus P7F
cg06528559	0.626	0.309	0.317	0.025	LOC100132215	Hypermethylated in P3F versus P7F
cg23238119	0.531	0.265	0.266	0.025	NA	Hypermethylated in P3F versus P7F
cg27651243	0.596	0.329	0.267	0.025	NA	Hypermethylated in P3F versus P7F
cg25622366	0.690	0.439	0.251	0.025	NA	Hypermethylated in P3F versus P7F
cg22451358	0.608	0.293	0.315	0.025	NA	Hypermethylated in P3F versus P7F
cg16374663	0.548	0.287	0.261	0.025	NA	Hypermethylated in P3F versus P7F
cg23404330	0.625	0.358	0.267	0.025	NA	Hypermethylated in P3F versus P7F
cg10638734	0.673	0.420	0.253	0.025	GPRC5B	Hypermethylated in P3F versus P7F
cg06234511	0.699	0.444	0.255	0.025	NA	Hypermethylated in P3F versus P7F
cg01539849	0.538	0.269	0.269	0.025	NA	Hypermethylated in P3F versus P7F
cg21752601	0.495	0.230	0.265	0.025	UCN	Hypermethylated in P3F versus P7F
cg23154059	0.545	0.291	0.254	0.025	NA	Hypermethylated in P3F versus P7F
cg05060949	0.478	0.196	0.282	0.025	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg04843461	0.598	0.326	0.272	0.025	NA	Hypermethylated in P3F versus P7F
cg13574390	0.444	0.178	0.265	0.025	NA	Hypermethylated in P3F versus P7F
cg24813176	0.617	0.334	0.283	0.025	NA	Hypermethylated in P3F versus P7F
cg17536603	0.488	0.192	0.297	0.025	NA	Hypermethylated in P3F versus P7F
cg26385172	0.552	0.296	0.256	0.025	NA	Hypermethylated in P3F versus P7F
cg18586886	0.557	0.293	0.264	0.025	KIAA1949	Hypermethylated in P3F versus P7F
cg03674127	0.589	0.303	0.286	0.025	DYSF	Hypermethylated in P3F versus P7F
cg25397922	0.487	0.197	0.290	0.025	NA	Hypermethylated in P3F versus P7F
cg03953626	0.504	0.243	0.260	0.025	KIAA1949	Hypermethylated in P3F versus P7F
cg01618781	0.466	0.171	0.295	0.025	RIPK4	Hypermethylated in P3F versus P7F
cg22976224	0.524	0.250	0.274	0.025	SIM2	Hypermethylated in P3F versus P7F
cg11317199	0.522	0.253	0.269	0.025	NA	Hypermethylated in P3F versus P7F
cg03947814	0.568	0.282	0.285	0.025	KCNQ1DN	Hypermethylated in P3F versus P7F
cg20609883	0.607	0.352	0.254	0.025	NA	Hypermethylated in P3F versus P7F
cg02508881	0.534	0.219	0.315	0.025	NA	Hypermethylated in P3F versus P7F
cg17739038	0.378	0.092	0.286	0.025	HIC1	Hypermethylated in P3F versus P7F
cg25449542	0.319	0.059	0.260	0.026	HIC1	Hypermethylated in P3F versus P7F
cg09060608	0.550	0.276	0.274	0.026	RUFY1	Hypermethylated in P3F versus P7F
cg12713060	0.573	0.319	0.255	0.026	NA	Hypermethylated in P3F versus P7F
cg08394412	0.419	0.162	0.256	0.026	NA	Hypermethylated in P3F versus P7F
cg07173547	0.558	0.287	0.271	0.026	NA	Hypermethylated in P3F versus P7F
cg20844851	0.705	0.421	0.284	0.026	NA	Hypermethylated in P3F versus P7F
cg16057915	0.655	0.376	0.279	0.026	NA	Hypermethylated in P3F versus P7F
cg13763550	0.545	0.281	0.264	0.026	HMOX2	Hypermethylated in P3F versus P7F
cg14040634	0.617	0.361	0.256	0.026	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg12096447	0.492	0.234	0.258	0.026	BRF1_BTBD6	Hypermethylated in P3F versus P7F
cg21046148	0.538	0.281	0.257	0.027	NA	Hypermethylated in P3F versus P7F
cg04654530	0.666	0.395	0.270	0.027	NA	Hypermethylated in P3F versus P7F
cg06499647	0.496	0.229	0.267	0.027	C2orf40	Hypermethylated in P3F versus P7F
cg14110885	0.702	0.448	0.254	0.027	WFIKKN2	Hypermethylated in P3F versus P7F
cg07974511	0.701	0.391	0.310	0.027	NA	Hypermethylated in P3F versus P7F
cg12314682	0.602	0.340	0.262	0.027	NA	Hypermethylated in P3F versus P7F
cg25241559	0.695	0.436	0.259	0.027	NA	Hypermethylated in P3F versus P7F
cg19126169	0.712	0.454	0.258	0.027	NA	Hypermethylated in P3F versus P7F
cg21226059	0.544	0.242	0.301	0.027	RUFY1	Hypermethylated in P3F versus P7F
cg14820908	0.551	0.261	0.290	0.027	RUFY1	Hypermethylated in P3F versus P7F
cg18163092	0.661	0.396	0.265	0.027	NA	Hypermethylated in P3F versus P7F
cg17276853	0.585	0.299	0.286	0.027	NA	Hypermethylated in P3F versus P7F
cg16601494	0.593	0.251	0.342	0.027	C1orf70	Hypermethylated in P3F versus P7F
cg09045262	0.589	0.338	0.251	0.028	AKR7L	Hypermethylated in P3F versus P7F
cg01614102	0.574	0.313	0.261	0.028	NA	Hypermethylated in P3F versus P7F
cg00661970	0.515	0.250	0.265	0.028	NA	Hypermethylated in P3F versus P7F
cg02728483	0.539	0.234	0.306	0.028	NA	Hypermethylated in P3F versus P7F
cg08961664	0.758	0.480	0.278	0.028	NA	Hypermethylated in P3F versus P7F
cg06234051	0.745	0.487	0.258	0.028	NA	Hypermethylated in P3F versus P7F
cg09940032	0.612	0.296	0.316	0.028	NA	Hypermethylated in P3F versus P7F
cg13588023	0.452	0.199	0.253	0.028	RIPK4	Hypermethylated in P3F versus P7F
cg13071729	0.566	0.290	0.276	0.028	NAV1	Hypermethylated in P3F versus P7F
cg15533809	0.831	0.534	0.297	0.029	NA	Hypermethylated in P3F versus P7F
cg18392016	0.692	0.396	0.296	0.029	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg12158737	0.722	0.461	0.261	0.029	NA	Hypermethylated in P3F versus P7F
cg06192497	0.496	0.230	0.266	0.029	LOC100132215	Hypermethylated in P3F versus P7F
cg15487867	0.521	0.183	0.338	0.029	C1orf70	Hypermethylated in P3F versus P7F
cg04423188	0.693	0.405	0.288	0.029	NA	Hypermethylated in P3F versus P7F
cg04962428	0.373	0.120	0.253	0.029	HIC1	Hypermethylated in P3F versus P7F
cg15178202	0.631	0.353	0.278	0.029	NA	Hypermethylated in P3F versus P7F
cg05865451	0.647	0.369	0.278	0.029	NA	Hypermethylated in P3F versus P7F
cg27072012	0.476	0.190	0.286	0.029	NA	Hypermethylated in P3F versus P7F
cg17147526	0.640	0.361	0.279	0.029	NA	Hypermethylated in P3F versus P7F
cg00110609	0.739	0.463	0.276	0.029	NA	Hypermethylated in P3F versus P7F
cg17128947	0.659	0.365	0.294	0.030	NA	Hypermethylated in P3F versus P7F
cg20898829	0.399	0.115	0.284	0.030	NA	Hypermethylated in P3F versus P7F
cg18610958	0.668	0.372	0.296	0.030	DYSF	Hypermethylated in P3F versus P7F
cg22497741	0.424	0.167	0.257	0.030	NA	Hypermethylated in P3F versus P7F
cg13990926	0.503	0.211	0.292	0.030	NA	Hypermethylated in P3F versus P7F
cg16999254	0.710	0.449	0.261	0.030	NA	Hypermethylated in P3F versus P7F
cg23548627	0.587	0.331	0.256	0.030	NA	Hypermethylated in P3F versus P7F
cg00420348	0.514	0.237	0.277	0.030	NA	Hypermethylated in P3F versus P7F
cg02259324	0.455	0.198	0.257	0.031	NA	Hypermethylated in P3F versus P7F
cg13058710	0.609	0.309	0.300	0.031	NA	Hypermethylated in P3F versus P7F
cg14409023	0.490	0.214	0.276	0.031	NA	Hypermethylated in P3F versus P7F
cg00361495	0.582	0.260	0.321	0.031	TRIL	Hypermethylated in P3F versus P7F
cg19172487	0.586	0.336	0.250	0.031	PARVB	Hypermethylated in P3F versus P7F
cg08416315	0.672	0.403	0.269	0.031	NA	Hypermethylated in P3F versus P7F
cg04410777	0.563	0.302	0.261	0.031	SEMA6B	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg14905632	0.568	0.313	0.254	0.031	RAPGEFL1	Hypermethylated in P3F versus P7F
cg00813378	0.569	0.259	0.310	0.031	NA	Hypermethylated in P3F versus P7F
cg16100355	0.584	0.296	0.289	0.031	NA	Hypermethylated in P3F versus P7F
cg10122865	0.707	0.420	0.286	0.031	NA	Hypermethylated in P3F versus P7F
cg01488770	0.723	0.427	0.296	0.032	NA	Hypermethylated in P3F versus P7F
cg10706389	0.492	0.230	0.262	0.032	NA	Hypermethylated in P3F versus P7F
cg17495087	0.549	0.269	0.280	0.032	NA	Hypermethylated in P3F versus P7F
cg05369142	0.593	0.321	0.272	0.032	NA	Hypermethylated in P3F versus P7F
cg19697239	0.570	0.318	0.252	0.032	NA	Hypermethylated in P3F versus P7F
cg16589807	0.639	0.367	0.272	0.032	NA	Hypermethylated in P3F versus P7F
cg15556943	0.732	0.457	0.275	0.032	NA	Hypermethylated in P3F versus P7F
cg10765471	0.736	0.483	0.252	0.032	NA	Hypermethylated in P3F versus P7F
cg18262591	0.567	0.290	0.277	0.032	NA	Hypermethylated in P3F versus P7F
cg19883813	0.554	0.263	0.291	0.032	NA	Hypermethylated in P3F versus P7F
cg15843262	0.464	0.207	0.257	0.032	NA	Hypermethylated in P3F versus P7F
cg15078681	0.509	0.204	0.306	0.032	AMIGO3	Hypermethylated in P3F versus P7F
cg27494647	0.452	0.199	0.253	0.032	RARRES2	Hypermethylated in P3F versus P7F
cg12506930	0.620	0.343	0.277	0.032	ZNF154	Hypermethylated in P3F versus P7F
cg17471467	0.605	0.313	0.292	0.032	ALX4	Hypermethylated in P3F versus P7F
cg18095675	0.608	0.338	0.270	0.032	NA	Hypermethylated in P3F versus P7F
cg02156870	0.502	0.245	0.257	0.032	NA	Hypermethylated in P3F versus P7F
cg16850254	0.467	0.190	0.277	0.032	NA	Hypermethylated in P3F versus P7F
cg27639620	0.405	0.141	0.264	0.033	NA	Hypermethylated in P3F versus P7F
cg14223293	0.674	0.397	0.277	0.033	NA	Hypermethylated in P3F versus P7F
cg25287257	0.477	0.183	0.294	0.033	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg05099145	0.775	0.520	0.254	0.033	NA	Hypermethylated in P3F versus P7F
cg08887400	0.515	0.259	0.256	0.033	KIAA1949	Hypermethylated in P3F versus P7F
cg18620571	0.514	0.247	0.267	0.033	NA	Hypermethylated in P3F versus P7F
cg12702981	0.599	0.347	0.251	0.033	NA	Hypermethylated in P3F versus P7F
cg04141770	0.636	0.385	0.251	0.033	NA	Hypermethylated in P3F versus P7F
cg05661282	0.448	0.171	0.277	0.033	ZNF154	Hypermethylated in P3F versus P7F
cg05563515	0.512	0.194	0.318	0.033	NA	Hypermethylated in P3F versus P7F
cg16517702	0.582	0.291	0.291	0.033	NAV1	Hypermethylated in P3F versus P7F
cg10501093	0.514	0.246	0.268	0.033	NA	Hypermethylated in P3F versus P7F
cg15826437	0.702	0.439	0.263	0.034	RAPGEFL1	Hypermethylated in P3F versus P7F
cg16557178	0.512	0.241	0.271	0.034	NA	Hypermethylated in P3F versus P7F
cg21635854	0.391	0.112	0.279	0.034	NA	Hypermethylated in P3F versus P7F
cg17763354	0.654	0.403	0.251	0.034	NA	Hypermethylated in P3F versus P7F
cg27049766	0.537	0.235	0.301	0.034	ZNF154	Hypermethylated in P3F versus P7F
cg06488957	0.475	0.187	0.288	0.034	NA	Hypermethylated in P3F versus P7F
cg01693350	0.557	0.303	0.253	0.034	NA	Hypermethylated in P3F versus P7F
cg21790626	0.429	0.162	0.268	0.034	ZNF154	Hypermethylated in P3F versus P7F
cg15864834	0.521	0.246	0.276	0.034	NA	Hypermethylated in P3F versus P7F
cg19020830	0.494	0.230	0.264	0.035	ALX4	Hypermethylated in P3F versus P7F
cg19409060	0.391	0.141	0.250	0.035	NA	Hypermethylated in P3F versus P7F
cg08084154	0.627	0.367	0.261	0.035	TESSP1	Hypermethylated in P3F versus P7F
cg06698795	0.538	0.272	0.265	0.035	NA	Hypermethylated in P3F versus P7F
cg04304333	0.629	0.346	0.283	0.035	NA	Hypermethylated in P3F versus P7F
cg00242627	0.491	0.233	0.259	0.035	NA	Hypermethylated in P3F versus P7F
cg07023704	0.592	0.307	0.285	0.035	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg06637517	0.624	0.322	0.302	0.035	NA	Hypermethylated in P3F versus P7F
cg12432236	0.534	0.269	0.266	0.035	PCDH17	Hypermethylated in P3F versus P7F
cg05200037	0.556	0.305	0.251	0.035	NA	Hypermethylated in P3F versus P7F
cg15071854	0.428	0.150	0.278	0.035	HPDL	Hypermethylated in P3F versus P7F
cg04237822	0.644	0.380	0.264	0.035	NA	Hypermethylated in P3F versus P7F
cg08607018	0.425	0.120	0.305	0.036	NA	Hypermethylated in P3F versus P7F
cg13834146	0.468	0.210	0.258	0.036	NA	Hypermethylated in P3F versus P7F
cg22234712	0.592	0.310	0.282	0.036	NA	Hypermethylated in P3F versus P7F
cg10754215	0.539	0.261	0.278	0.036	NA	Hypermethylated in P3F versus P7F
cg07575466	0.755	0.475	0.280	0.036	NA	Hypermethylated in P3F versus P7F
cg23288335	0.444	0.181	0.263	0.036	NA	Hypermethylated in P3F versus P7F
cg25090972	0.456	0.192	0.264	0.036	NA	Hypermethylated in P3F versus P7F
cg02918054	0.479	0.227	0.252	0.036	NA	Hypermethylated in P3F versus P7F
cg03423149	0.578	0.277	0.301	0.036	NA	Hypermethylated in P3F versus P7F
cg19615174	0.613	0.333	0.280	0.036	SEMA6B	Hypermethylated in P3F versus P7F
cg27286993	0.461	0.177	0.284	0.037	NA	Hypermethylated in P3F versus P7F
cg14222656	0.573	0.309	0.263	0.037	NA	Hypermethylated in P3F versus P7F
cg05834805	0.491	0.234	0.257	0.037	NA	Hypermethylated in P3F versus P7F
cg16306898	0.479	0.164	0.315	0.037	C1orf70	Hypermethylated in P3F versus P7F
cg24311947	0.476	0.222	0.254	0.037	XKR8	Hypermethylated in P3F versus P7F
cg26268145	0.713	0.443	0.270	0.037	NA	Hypermethylated in P3F versus P7F
cg19788250	0.566	0.291	0.275	0.037	NA	Hypermethylated in P3F versus P7F
cg04586407	0.614	0.281	0.332	0.037	NA	Hypermethylated in P3F versus P7F
cg13639451	0.735	0.470	0.265	0.037	WFIKKN2	Hypermethylated in P3F versus P7F
cg00784671	0.630	0.371	0.259	0.037	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg26117265	0.524	0.253	0.271	0.038	NA	Hypermethylated in P3F versus P7F
cg05361489	0.597	0.342	0.254	0.038	NA	Hypermethylated in P3F versus P7F
cg13176012	0.635	0.382	0.254	0.038	NA	Hypermethylated in P3F versus P7F
cg18403792	0.571	0.318	0.253	0.038	NA	Hypermethylated in P3F versus P7F
cg10568066	0.536	0.215	0.321	0.038	NA	Hypermethylated in P3F versus P7F
cg09588555	0.506	0.247	0.259	0.038	NA	Hypermethylated in P3F versus P7F
cg16012719	0.550	0.275	0.274	0.039	NA	Hypermethylated in P3F versus P7F
cg12633154	0.495	0.206	0.289	0.039	NA	Hypermethylated in P3F versus P7F
cg14496909	0.760	0.509	0.251	0.039	NA	Hypermethylated in P3F versus P7F
cg10964421	0.462	0.211	0.251	0.039	NA	Hypermethylated in P3F versus P7F
cg14544666	0.546	0.254	0.292	0.039	NA	Hypermethylated in P3F versus P7F
cg14947929	0.551	0.299	0.252	0.039	RIPK4	Hypermethylated in P3F versus P7F
cg27637521	0.566	0.292	0.274	0.040	NA	Hypermethylated in P3F versus P7F
cg25168494	0.506	0.225	0.280	0.040	NA	Hypermethylated in P3F versus P7F
cg02381965	0.706	0.433	0.273	0.040	NA	Hypermethylated in P3F versus P7F
cg03940848	0.501	0.220	0.281	0.040	NA	Hypermethylated in P3F versus P7F
cg24637044	0.546	0.223	0.323	0.040	NA	Hypermethylated in P3F versus P7F
cg07949011	0.580	0.310	0.271	0.040	NA	Hypermethylated in P3F versus P7F
cg27114640	0.546	0.246	0.300	0.041	NA	Hypermethylated in P3F versus P7F
cg07916589	0.485	0.227	0.258	0.041	NA	Hypermethylated in P3F versus P7F
cg01286685	0.439	0.179	0.260	0.041	NA	Hypermethylated in P3F versus P7F
cg22697962	0.667	0.414	0.254	0.042	NA	Hypermethylated in P3F versus P7F
cg04178858	0.678	0.403	0.274	0.042	RAPGEFL1	Hypermethylated in P3F versus P7F
cg14100362	0.571	0.308	0.263	0.042	NA	Hypermethylated in P3F versus P7F
cg21472506	0.671	0.396	0.275	0.042	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg24361265	0.713	0.442	0.271	0.042	NA	Hypermethylated in P3F versus P7F
cg24957695	0.465	0.207	0.259	0.042	NA	Hypermethylated in P3F versus P7F
cg25551714	0.530	0.258	0.272	0.043	NA	Hypermethylated in P3F versus P7F
cg13401893	0.486	0.193	0.294	0.043	NA	Hypermethylated in P3F versus P7F
cg25363807	0.655	0.390	0.265	0.043	NA	Hypermethylated in P3F versus P7F
cg12186839	0.537	0.274	0.263	0.044	NA	Hypermethylated in P3F versus P7F
cg09577841	0.389	0.124	0.265	0.044	NA	Hypermethylated in P3F versus P7F
cg16602747	0.543	0.281	0.262	0.044	NA	Hypermethylated in P3F versus P7F
cg23625084	0.734	0.461	0.273	0.044	NA	Hypermethylated in P3F versus P7F
cg19082560	0.671	0.408	0.263	0.044	NA	Hypermethylated in P3F versus P7F
cg00779056	0.638	0.367	0.271	0.044	NA	Hypermethylated in P3F versus P7F
cg05706898	0.651	0.400	0.252	0.044	NA	Hypermethylated in P3F versus P7F
cg06274857	0.615	0.355	0.259	0.045	NA	Hypermethylated in P3F versus P7F
cg00498591	0.608	0.340	0.268	0.045	NA	Hypermethylated in P3F versus P7F
cg05561386	0.580	0.321	0.259	0.045	NA	Hypermethylated in P3F versus P7F
cg04046669	0.552	0.286	0.266	0.045	HORMAD2	Hypermethylated in P3F versus P7F
cg11294513	0.536	0.275	0.262	0.045	NA	Hypermethylated in P3F versus P7F
cg00080972	0.548	0.273	0.275	0.045	RUFY1	Hypermethylated in P3F versus P7F
cg23693289	0.664	0.402	0.263	0.045	PTK2B	Hypermethylated in P3F versus P7F
cg00374839	0.665	0.389	0.275	0.046	ALX4	Hypermethylated in P3F versus P7F
cg19343611	0.634	0.351	0.283	0.046	NA	Hypermethylated in P3F versus P7F
cg12178578	0.453	0.179	0.274	0.046	HPDL	Hypermethylated in P3F versus P7F
cg08373573	0.658	0.370	0.288	0.046	NA	Hypermethylated in P3F versus P7F
cg03748603	0.572	0.292	0.280	0.046	NA	Hypermethylated in P3F versus P7F
cg13772376	0.599	0.348	0.251	0.047	NA	Hypermethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg11631523	0.473	0.211	0.262	0.047	NA	Hypermethylated in P3F versus P7F
cg17759252	0.564	0.297	0.268	0.047	NA	Hypermethylated in P3F versus P7F
cg08466792	0.653	0.349	0.303	0.048	NA	Hypermethylated in P3F versus P7F
cg13246235	0.493	0.241	0.252	0.048	NA	Hypermethylated in P3F versus P7F
cg10409799	0.557	0.251	0.306	0.048	ADAR	Hypermethylated in P3F versus P7F
cg20399509	0.598	0.324	0.274	0.048	NA	Hypermethylated in P3F versus P7F
cg04814450	0.589	0.337	0.252	0.048	NA	Hypermethylated in P3F versus P7F
cg24169669	0.632	0.336	0.296	0.048	NA	Hypermethylated in P3F versus P7F
cg27318318	0.602	0.338	0.264	0.049	ALX4	Hypermethylated in P3F versus P7F
cg11536474	0.622	0.300	0.321	0.049	NA	Hypermethylated in P3F versus P7F
cg21512447	0.520	0.258	0.262	0.049	NA	Hypermethylated in P3F versus P7F
cg12534424	0.587	0.334	0.253	0.049	NA	Hypermethylated in P3F versus P7F
cg08738570	0.613	0.355	0.258	0.050	NA	Hypermethylated in P3F versus P7F
cg22157239	0.144	0.602	-0.458	0.000	NA	Hypomethylated in P3F versus P7F
cg08171206	0.234	0.720	-0.487	0.000	NA	Hypomethylated in P3F versus P7F
cg08129914	0.254	0.609	-0.355	0.000	NA	Hypomethylated in P3F versus P7F
cg26907082	0.312	0.584	-0.272	0.000	NA	Hypomethylated in P3F versus P7F
cg05375686	0.331	0.678	-0.347	0.000	NA	Hypomethylated in P3F versus P7F
cg06013833	0.393	0.765	-0.372	0.000	NA	Hypomethylated in P3F versus P7F
cg18328265	0.543	0.861	-0.318	0.000	NA	Hypomethylated in P3F versus P7F
cg10634728	0.503	0.862	-0.360	0.001	NA	Hypomethylated in P3F versus P7F
cg15361661	0.207	0.509	-0.302	0.001	ARHGAP25	Hypomethylated in P3F versus P7F
cg11950383	0.225	0.571	-0.346	0.001	NA	Hypomethylated in P3F versus P7F
cg08022524	0.373	0.658	-0.285	0.001	CCDC140	Hypomethylated in P3F versus P7F
cg23184638	0.537	0.865	-0.328	0.001	NA	Hypomethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg11333576	0.494	0.811	-0.316	0.001	NA	Hypomethylated in P3F versus P7F
cg01407235	0.240	0.607	-0.367	0.001	ARHGAP25	Hypomethylated in P3F versus P7F
cg14120583	0.420	0.671	-0.251	0.001	NA	Hypomethylated in P3F versus P7F
cg02858594	0.257	0.604	-0.347	0.001	NA	Hypomethylated in P3F versus P7F
cg26378982	0.417	0.734	-0.317	0.001	KCNF1	Hypomethylated in P3F versus P7F
cg25254825	0.251	0.594	-0.343	0.001	NA	Hypomethylated in P3F versus P7F
cg23546474	0.104	0.429	-0.325	0.002	CCDC140	Hypomethylated in P3F versus P7F
cg07926895	0.249	0.544	-0.294	0.002	NA	Hypomethylated in P3F versus P7F
cg27278086	0.234	0.543	-0.309	0.002	ARHGAP25	Hypomethylated in P3F versus P7F
cg26238936	0.256	0.570	-0.313	0.002	ARHGAP25	Hypomethylated in P3F versus P7F
cg17665497	0.389	0.677	-0.288	0.002	NA	Hypomethylated in P3F versus P7F
cg14555736	0.582	0.835	-0.254	0.002	NA	Hypomethylated in P3F versus P7F
cg08650910	0.158	0.454	-0.296	0.002	NA	Hypomethylated in P3F versus P7F
cg02013918	0.496	0.778	-0.282	0.003	NA	Hypomethylated in P3F versus P7F
cg08991742	0.229	0.544	-0.315	0.003	ARHGAP25	Hypomethylated in P3F versus P7F
cg12049688	0.177	0.461	-0.284	0.003	NA	Hypomethylated in P3F versus P7F
cg24072451	0.523	0.783	-0.260	0.003	NA	Hypomethylated in P3F versus P7F
cg12093662	0.216	0.493	-0.278	0.003	ARHGAP25	Hypomethylated in P3F versus P7F
cg25661973	0.358	0.720	-0.363	0.003	NA	Hypomethylated in P3F versus P7F
cg01790894	0.315	0.589	-0.274	0.003	CCDC140	Hypomethylated in P3F versus P7F
cg06515159	0.229	0.553	-0.324	0.003	NA	Hypomethylated in P3F versus P7F
cg02536065	0.285	0.557	-0.271	0.003	NA	Hypomethylated in P3F versus P7F
cg24662698	0.339	0.658	-0.318	0.004	NA	Hypomethylated in P3F versus P7F
cg23347429	0.281	0.655	-0.374	0.004	NA	Hypomethylated in P3F versus P7F
cg09067976	0.233	0.528	-0.296	0.004	NA	Hypomethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg25039325	0.322	0.615	-0.293	0.004	ARHGAP25	Hypomethylated in P3F versus P7F
cg18595780	0.212	0.466	-0.254	0.004	NA	Hypomethylated in P3F versus P7F
cg18183163	0.272	0.617	-0.346	0.004	NA	Hypomethylated in P3F versus P7F
cg02856716	0.410	0.661	-0.251	0.004	NA	Hypomethylated in P3F versus P7F
cg14326413	0.334	0.719	-0.385	0.005	NA	Hypomethylated in P3F versus P7F
cg23411426	0.552	0.827	-0.275	0.005	NA	Hypomethylated in P3F versus P7F
cg05395210	0.338	0.635	-0.297	0.005	ARHGAP25	Hypomethylated in P3F versus P7F
cg06613286	0.530	0.805	-0.275	0.006	NA	Hypomethylated in P3F versus P7F
cg05974274	0.321	0.688	-0.367	0.006	NA	Hypomethylated in P3F versus P7F
cg15685834	0.244	0.518	-0.274	0.006	NA	Hypomethylated in P3F versus P7F
cg15556886	0.334	0.681	-0.348	0.006	NA	Hypomethylated in P3F versus P7F
cg05181941	0.338	0.590	-0.252	0.006	NA	Hypomethylated in P3F versus P7F
cg08774452	0.326	0.695	-0.368	0.006	NA	Hypomethylated in P3F versus P7F
cg22054918	0.365	0.764	-0.399	0.007	NA	Hypomethylated in P3F versus P7F
cg17116178	0.465	0.716	-0.251	0.007	NA	Hypomethylated in P3F versus P7F
cg05373962	0.362	0.630	-0.268	0.007	NA	Hypomethylated in P3F versus P7F
cg01020413	0.367	0.694	-0.327	0.008	NA	Hypomethylated in P3F versus P7F
cg11265160	0.458	0.786	-0.327	0.008	NA	Hypomethylated in P3F versus P7F
cg20817902	0.292	0.623	-0.331	0.008	NA	Hypomethylated in P3F versus P7F
cg11601663	0.360	0.613	-0.253	0.008	NA	Hypomethylated in P3F versus P7F
cg10613332	0.458	0.753	-0.295	0.008	NA	Hypomethylated in P3F versus P7F
cg20744108	0.353	0.609	-0.256	0.008	NA	Hypomethylated in P3F versus P7F
cg10851251	0.367	0.650	-0.282	0.008	NA	Hypomethylated in P3F versus P7F
cg26353598	0.323	0.585	-0.262	0.009	NA	Hypomethylated in P3F versus P7F
cg00827382	0.553	0.809	-0.256	0.009	NA	Hypomethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg06881421	0.372	0.638	-0.266	0.009	NA	Hypomethylated in P3F versus P7F
cg19989498	0.438	0.726	-0.288	0.010	NA	Hypomethylated in P3F versus P7F
cg02543772	0.336	0.676	-0.339	0.010	NA	Hypomethylated in P3F versus P7F
cg15062377	0.198	0.450	-0.252	0.010	NA	Hypomethylated in P3F versus P7F
cg00858840	0.201	0.474	-0.273	0.011	NA	Hypomethylated in P3F versus P7F
cg23992209	0.387	0.642	-0.255	0.011	CD5L	Hypomethylated in P3F versus P7F
cg07221967	0.332	0.600	-0.269	0.012	NA	Hypomethylated in P3F versus P7F
cg09839235	0.360	0.695	-0.335	0.012	NA	Hypomethylated in P3F versus P7F
cg14831950	0.460	0.713	-0.253	0.013	NA	Hypomethylated in P3F versus P7F
cg08217163	0.332	0.625	-0.293	0.013	NA	Hypomethylated in P3F versus P7F
cg07053114	0.398	0.666	-0.268	0.013	NA	Hypomethylated in P3F versus P7F
cg11241663	0.371	0.667	-0.297	0.013	NA	Hypomethylated in P3F versus P7F
cg16630482	0.163	0.425	-0.262	0.014	NA	Hypomethylated in P3F versus P7F
cg01721569	0.372	0.650	-0.278	0.014	NA	Hypomethylated in P3F versus P7F
cg02677035	0.476	0.728	-0.252	0.015	NA	Hypomethylated in P3F versus P7F
cg24007169	0.462	0.712	-0.251	0.015	NA	Hypomethylated in P3F versus P7F
cg10552446	0.352	0.616	-0.265	0.015	NA	Hypomethylated in P3F versus P7F
cg03104569	0.433	0.684	-0.251	0.016	NA	Hypomethylated in P3F versus P7F
cg23874561	0.334	0.610	-0.276	0.017	NA	Hypomethylated in P3F versus P7F
cg02666257	0.277	0.554	-0.276	0.017	NA	Hypomethylated in P3F versus P7F
cg01085569	0.344	0.608	-0.263	0.017	NA	Hypomethylated in P3F versus P7F
cg05941106	0.471	0.745	-0.275	0.018	NA	Hypomethylated in P3F versus P7F
cg22620090	0.243	0.520	-0.278	0.019	NA	Hypomethylated in P3F versus P7F
cg22549870	0.370	0.659	-0.289	0.023	NA	Hypomethylated in P3F versus P7F
cg01561916	0.317	0.585	-0.268	0.024	HAAO	Hypomethylated in P3F versus P7F

Supplementary Table 3 (continued)

Probe	P3F.mean	P7F.mean	Mean.diff	Adjusted.P.value	Promoter.related.gene	Category
cg21200539	0.383	0.660	-0.277	0.025	NA	Hypomethylated in P3F versus P7F
cg09480054	0.294	0.566	-0.272	0.025	HAAO	Hypomethylated in P3F versus P7F
cg01681098	0.336	0.612	-0.276	0.026	NA	Hypomethylated in P3F versus P7F
cg19279130	0.287	0.572	-0.284	0.029	NA	Hypomethylated in P3F versus P7F
cg04094653	0.380	0.659	-0.279	0.032	NA	Hypomethylated in P3F versus P7F
cg07395354	0.405	0.666	-0.260	0.038	MEOX2	Hypomethylated in P3F versus P7F
cg16707895	0.421	0.674	-0.253	0.038	NA	Hypomethylated in P3F versus P7F
cg26695758	0.372	0.629	-0.257	0.043	NA	Hypomethylated in P3F versus P7F
cg00839579	0.343	0.594	-0.251	0.049	MEOX2	Hypomethylated in P3F versus P7F
cg21568106	0.254	0.512	-0.258	0.049	NA	Hypomethylated in P3F versus P7F