

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
1553422_s_at	Hs.459842	<i>A2BP1</i>	54715	0.603	0.776	< 0.001	< 0.001
201000_at	Hs.315137	<i>AARS</i>	16	0.763	0.873	< 0.001	< 0.001
205986_at	Hs.514575	<i>AATK</i>	9625	0.628	0.793	< 0.001	< 0.001
204719_at	Hs.58351	<i>ABCA8</i>	10351	0.726	0.852	< 0.001	< 0.001
213485_s_at	Hs.55879	<i>ABCC10</i>	89845	0.703	-0.839	< 0.001	< 0.001
209380_s_at	Hs.368563	<i>ABCC5</i>	10057	0.688	0.829	< 0.001	< 0.001
224742_at	Hs.441550	<i>ABHD12</i>	26090	0.620	0.787	< 0.001	< 0.001
228132_at	Hs.233404	<i>ABLIM2</i>	84448	0.781	0.883	< 0.001	< 0.001
229164_s_at	Hs.107812	<i>ABTB1</i>	80325	0.832	0.912	< 0.001	< 0.001
206690_at	Hs.368417	<i>ACCN1</i>	40	0.715	-0.846	< 0.001	< 0.001
205156_s_at	Hs.274361	<i>ACCN2</i>	41	0.625	-0.791	< 0.001	< 0.001
200793_s_at	Hs.643610	<i>ACO2</i>	50	0.704	0.839	< 0.001	< 0.001
211983_x_at	Hs.514581	<i>ACTG1</i>	71	0.641	-0.800	< 0.001	< 0.001
213214_x_at	Hs.514581	<i>ACTG1</i>	71	0.630	-0.794	< 0.001	< 0.001
202135_s_at	Hs.98791	<i>ACTR1B</i>	10120	0.831	0.911	< 0.001	< 0.001
213101_s_at	—	<i>ACTR3</i>	10096	0.679	-0.824	< 0.001	< 0.001
213102_at	—	<i>ACTR3</i>	10096	0.721	-0.849	< 0.001	< 0.001
205327_s_at	Hs.470174	<i>ACVR2A</i>	92	0.717	-0.847	< 0.001	< 0.001
228416_at	Hs.470174	<i>ACVR2A</i>	92	0.786	-0.886	< 0.001	< 0.001
244332_at	Hs.470174	<i>ACVR2A</i>	92	0.607	-0.779	< 0.001	< 0.001
206833_s_at	Hs.516173	<i>ACYP2</i>	98	0.775	0.881	< 0.001	< 0.001
209765_at	Hs.483944	<i>ADAM19</i>	8728	0.682	-0.826	< 0.001	< 0.001
1552727_s_at	Hs.513200	<i>ADAMTS17</i>	170691	0.703	-0.839	< 0.001	< 0.001
201786_s_at	Hs.12341	<i>ADAR</i>	103	0.673	0.820	< 0.001	< 0.001
213245_at	Hs.192215	<i>ADCY1</i>	107	0.776	-0.881	< 0.001	< 0.001
235049_at	Hs.192215	<i>ADCY1</i>	107	0.606	-0.779	< 0.001	< 0.001
237336_at	Hs.188528	<i>ADD2</i>	119	0.620	-0.788	< 0.001	< 0.001
205481_at	Hs.77867	<i>ADORA1</i>	134	0.707	0.841	< 0.001	< 0.001
232007_at	Hs.624002	<i>AGPAT5</i>	—	0.681	-0.825	< 0.001	< 0.001
224776_at	—	<i>AGPAT6</i>	137964	0.650	-0.806	< 0.001	< 0.001
40472_at	Hs.352614	<i>AGPAT7</i>	254531	0.679	0.824	< 0.001	< 0.001
212285_s_at	Hs.273330	<i>AGRIN</i>	375790	0.684	-0.827	< 0.001	< 0.001
217419_x_at	Hs.273330	<i>AGRIN</i>	375790	0.796	-0.892	< 0.001	< 0.001
204499_at	Hs.494321	<i>AGTPBP1</i>	23287	0.760	-0.871	< 0.001	< 0.001
206513_at	Hs.281898	<i>AIM2</i>	9447	0.643	-0.802	< 0.001	< 0.001
219308_s_at	Hs.559718	<i>AK5</i>	26289	0.731	0.855	< 0.001	< 0.001
222862_s_at	Hs.559718	<i>AK5</i>	26289	0.727	0.853	< 0.001	< 0.001
203156_at	Hs.105105	<i>AKAP11</i>	11215	0.729	0.854	< 0.001	< 0.001
210517_s_at	Hs.371240	<i>AKAP12</i>	9590	0.741	0.861	< 0.001	< 0.001
227529_s_at	Hs.371240	<i>AKAP12</i>	9590	0.874	0.935	< 0.001	< 0.001
227530_at	Hs.371240	<i>AKAP12</i>	9590	0.897	0.947	< 0.001	< 0.001
205771_s_at	Hs.486483	<i>AKAP7</i>	9465	0.944	-0.972	< 0.001	< 0.001
212609_s_at	Hs.498292	<i>AKT3</i>	10000	0.880	-0.938	< 0.001	< 0.001
218487_at	Hs.1227	<i>ALAD</i>	210	0.788	0.888	< 0.001	< 0.001
201951_at	Hs.591293	<i>ALCAM</i>	214	0.801	-0.895	< 0.001	< 0.001
201952_at	Hs.591293	<i>ALCAM</i>	214	0.683	-0.827	< 0.001	< 0.001
203180_at	Hs.459538	<i>ALDH1A3</i>	220	0.725	0.851	< 0.001	< 0.001
202054_s_at	Hs.499886	<i>ALDH3A2</i>	224	0.636	0.798	< 0.001	< 0.001
200966_x_at	Hs.513490	<i>ALDOA</i>	226	0.722	0.850	< 0.001	< 0.001
214687_x_at	Hs.513490	<i>ALDOA</i>	226	0.707	0.841	< 0.001	< 0.001
238996_x_at	Hs.513490	<i>ALDOA</i>	226	0.691	0.831	< 0.001	< 0.001
234302_s_at	Hs.462392	<i>ALKBH5</i>	54890	0.687	0.829	< 0.001	< 0.001
223266_at	Hs.643578	<i>ALS2CR2</i>	55437	0.747	-0.865	< 0.001	< 0.001
201196_s_at	Hs.159118	<i>AMD1</i>	262	0.718	0.848	< 0.001	< 0.001
207992_s_at	Hs.501890	<i>AMPD3</i>	272	0.706	0.840	< 0.001	< 0.001
223092_at	Hs.156727	<i>ANKH</i>	56172	0.813	0.902	< 0.001	< 0.001
212289_at	Hs.464585	<i>ANKRD12</i>	23253	0.702	-0.838	< 0.001	< 0.001
227064_at	Hs.463426	<i>ANKRD40</i>	91369	0.763	0.873	< 0.001	< 0.001
236421_at	Hs.130054	<i>ANKRD45</i>	339416	0.612	-0.782	< 0.001	< 0.001
225731_at	Hs.480694	<i>ANKRD50</i>	57182	0.747	-0.864	< 0.001	< 0.001

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**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
225735_at	Hs.480694	<i>ANKRD50</i>	57182	0.763	-0.874	< 0.001	< 0.001
219496_at	Hs.355455	<i>ANKRD57</i>	65124	0.821	-0.906	< 0.001	< 0.001
227034_at	Hs.355455	<i>ANKRD57</i>	65124	0.857	-0.926	< 0.001	< 0.001
204672_s_at	Hs.651107	<i>ANKRD6</i>	22881	0.844	-0.919	< 0.001	< 0.001
230972_at	Hs.432945	<i>ANKRD9</i>	122416	0.669	0.818	< 0.001	< 0.001
1552619_a_at	Hs.62180	<i>ANLN</i>	54443	0.621	0.788	< 0.001	< 0.001
222608_s_at	Hs.62180	<i>ANLN</i>	54443	0.673	0.820	< 0.001	< 0.001
206200_s_at	Hs.530291	<i>ANXA11</i>	311	0.834	0.913	< 0.001	< 0.001
214783_s_at	Hs.530291	<i>ANXA11</i>	311	0.734	0.856	< 0.001	< 0.001
201366_at	Hs.631827	<i>ANXA7</i>	310	0.666	0.816	< 0.001	< 0.001
209860_s_at	Hs.631827	<i>ANXA7</i>	310	0.714	0.845	< 0.001	< 0.001
227021_at	Hs.646979	<i>AOF1</i>	221656	0.726	-0.852	< 0.001	< 0.001
203410_at	—	<i>AP3M2</i>	10947	0.729	0.854	< 0.001	< 0.001
203525_s_at	Hs.158932	<i>APC</i>	324	0.875	-0.935	< 0.001	< 0.001
203526_s_at	Hs.158932	<i>APC</i>	324	0.850	-0.922	< 0.001	< 0.001
203527_s_at	Hs.158932	<i>APC</i>	324	0.835	-0.914	< 0.001	< 0.001
216933_x_at	Hs.158932	<i>APC</i>	324	0.620	-0.788	< 0.001	< 0.001
201687_s_at	Hs.435771	<i>API5</i>	8539	0.742	0.862	< 0.001	< 0.001
201525_at	Hs.522555	<i>APOD</i>	347	0.612	0.783	< 0.001	< 0.001
221653_x_at	Hs.474740	<i>APOL2</i>	23780	0.690	0.830	< 0.001	< 0.001
224788_at	Hs.525330	<i>ARF6</i>	382	0.649	-0.806	< 0.001	< 0.001
222518_at	Hs.62578	<i>ARFGEF2</i>	10564	0.713	0.844	< 0.001	< 0.001
218870_at	Hs.171011	<i>ARHGAP15</i>	55843	0.693	-0.833	< 0.001	< 0.001
226576_at	Hs.293593	<i>ARHGAP26</i>	23092	0.743	0.862	< 0.001	< 0.001
224451_x_at	Hs.437126	<i>ARHGAP9</i>	64333	0.662	0.814	< 0.001	< 0.001
203756_at	Hs.533719	<i>ARHGEF17</i>	9828	0.685	0.828	< 0.001	< 0.001
218917_s_at	Hs.468972	<i>ARID1A</i>	8289	0.696	-0.834	< 0.001	< 0.001
202208_s_at	Hs.111554	<i>ARL4C</i>	10123	0.644	-0.803	< 0.001	< 0.001
218216_x_at	Hs.103561	<i>ARL6IP4</i>	51329	0.878	0.937	< 0.001	< 0.001
220597_s_at	Hs.103561	<i>ARL6IP4</i>	51329	0.741	0.861	< 0.001	< 0.001
200761_s_at	Hs.518060	<i>ARL6IP5</i>	10550	0.738	0.859	< 0.001	< 0.001
217852_s_at	Hs.250009	<i>ARL8B</i>	55207	0.808	0.899	< 0.001	< 0.001
1555279_at	Hs.266826	<i>ARMC8</i>	25852	0.683	0.827	< 0.001	< 0.001
1555281_x_at	Hs.266826	<i>ARMC8</i>	25852	0.688	0.829	< 0.001	< 0.001
202986_at	Hs.459070	<i>ARN2</i>	9915	0.613	0.783	< 0.001	< 0.001
231935_at	Hs.475902	<i>ARPP-21</i>	10777	0.721	-0.849	< 0.001	< 0.001
238878_at	Hs.300304	<i>ARX</i>	170302	0.740	-0.860	< 0.001	< 0.001
228082_at	Hs.591949	<i>ASAM</i>	79827	0.784	-0.885	< 0.001	< 0.001
200058_s_at	Hs.246112	<i>ASCC3L1</i>	23020	0.660	-0.812	< 0.001	< 0.001
207076_s_at	Hs.160786	<i>ASS1</i>	445	0.680	0.825	< 0.001	< 0.001
213197_at	Hs.495897	<i>ASTN1</i>	460	0.752	-0.867	< 0.001	< 0.001
213026_at	Hs.264482	<i>ATG12</i>	9140	0.665	-0.816	< 0.001	< 0.001
218673_s_at	Hs.38032	<i>ATG7</i>	10533	0.607	0.779	< 0.001	< 0.001
224025_s_at	Hs.38032	<i>ATG7</i>	10533	0.624	0.790	< 0.001	< 0.001
207026_s_at	Hs.533956	<i>ATP2B3</i>	492	0.664	0.815	< 0.001	< 0.001
242036_x_at	Hs.533956	<i>ATP2B3</i>	492	0.832	0.912	< 0.001	< 0.001
211137_s_at	Hs.584884	<i>ATP2C1</i>	27032	0.668	-0.817	< 0.001	< 0.001
207508_at	Hs.429	<i>ATP5G3</i>	518	0.603	0.776	< 0.001	< 0.001
208745_at	Hs.486360	<i>ATP5L</i>	10632	0.645	0.803	< 0.001	< 0.001
237400_at	Hs.438489	<i>ATP5S</i>	27109	0.783	0.885	< 0.001	< 0.001
212383_at	Hs.463074	<i>ATP6V0A1</i>	535	0.694	0.833	< 0.001	< 0.001
201089_at	Hs.295917	<i>ATP6V1B2</i>	526	0.654	0.809	< 0.001	< 0.001
226463_at	Hs.86905	<i>ATP6V1C1</i>	528	0.723	0.850	< 0.001	< 0.001
208898_at	Hs.272630	<i>ATP6V1D</i>	51382	0.627	0.792	< 0.001	< 0.001
208678_at	Hs.517338	<i>ATP6V1E1</i>	529	0.838	0.915	< 0.001	< 0.001
221504_s_at	Hs.491737	<i>ATP6V1H</i>	51606	0.725	0.852	< 0.001	< 0.001
224728_at	Hs.100874	<i>ATPAF1</i>	64756	0.860	0.928	< 0.001	< 0.001
224729_s_at	Hs.100874	<i>ATPAF1</i>	64756	0.665	0.816	< 0.001	< 0.001
213744_at	Hs.501127	<i>ATRNL1</i>	26033	0.752	0.867	< 0.001	< 0.001
205052_at	Hs.175905	<i>AUH</i>	549	0.720	0.848	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
212599_at	Hs.21631	<i>AUTS2</i>	26053	0.754	-0.868	< 0.001	< 0.001
218631_at	Hs.23918	<i>AVPI1</i>	60370	0.845	0.919	< 0.001	< 0.001
222696_at	Hs.156527	<i>AXIN2</i>	8313	0.661	-0.813	< 0.001	< 0.001
201818_at	Hs.368853	<i>AYTL2</i>	79888	0.820	-0.906	< 0.001	< 0.001
223374_s_at	Hs.418062	<i>B3GALNT1</i>	8706	0.638	-0.799	< 0.001	< 0.001
1553959_a_at	Hs.284284	<i>B3GALT6</i>	126792	0.799	-0.894	< 0.001	< 0.001
225733_at	Hs.284284	<i>B3GALT6</i>	126792	0.677	-0.823	< 0.001	< 0.001
209413_at	Hs.632403	<i>B4GALT2</i>	8704	0.695	-0.834	< 0.001	< 0.001
221485_at	Hs.370487	<i>B4GALT5</i>	9334	0.683	-0.826	< 0.001	< 0.001
221234_s_at	Hs.269764	<i>BACH2</i>	60468	0.727	-0.852	< 0.001	< 0.001
202985_s_at	Hs.5443	<i>BAG5</i>	9529	0.688	0.829	< 0.001	< 0.001
205638_at	Hs.13261	<i>BAI3</i>	577	0.697	-0.835	< 0.001	< 0.001
204874_x_at	Hs.458427	<i>BAIAP3</i>	8938	0.607	0.779	< 0.001	< 0.001
211946_s_at	Hs.494614	<i>BAT2D1</i>	23215	0.677	-0.823	< 0.001	< 0.001
232008_s_at	Hs.124366	<i>BBX</i>	56987	0.604	0.777	< 0.001	< 0.001
225674_at	Hs.303787	<i>BCAP29</i>	55973	0.835	0.914	< 0.001	< 0.001
225677_at	Hs.303787	<i>BCAP29</i>	55973	0.843	0.918	< 0.001	< 0.001
200837_at	Hs.522817	<i>BCAP31</i>	10134	0.849	0.921	< 0.001	< 0.001
204378_at	Hs.400556	<i>BCAS1</i>	8537	0.649	0.806	< 0.001	< 0.001
227896_at	Hs.370292	<i>BCCIP</i>	56647	0.730	-0.854	< 0.001	< 0.001
219497_s_at	Hs.370549	<i>BCL11A</i>	53335	0.608	-0.780	< 0.001	< 0.001
219498_s_at	Hs.370549	<i>BCL11A</i>	53335	0.653	-0.808	< 0.001	< 0.001
222891_s_at	Hs.370549	<i>BCL11A</i>	53335	0.690	-0.830	< 0.001	< 0.001
209311_at	Hs.410026	<i>BCL2L2</i>	599	0.862	0.929	< 0.001	< 0.001
202518_at	Hs.647051	<i>BCL7B</i>	9275	0.767	0.876	< 0.001	< 0.001
228065_at	Hs.414740	<i>BCL9L</i>	283149	0.669	-0.818	< 0.001	< 0.001
214068_at	Hs.97805	<i>BEAN</i>	146227	0.812	-0.901	< 0.001	< 0.001
201170_s_at	Hs.171825	<i>BHLHB2</i>	8553	0.730	0.854	< 0.001	< 0.001
221530_s_at	Hs.177841	<i>BHLHB3</i>	79365	0.845	0.919	< 0.001	< 0.001
228636_at	Hs.591870	<i>BHLHB5</i>	27319	0.942	-0.971	< 0.001	< 0.001
204493_at	Hs.591054	<i>BID</i>	637	0.677	-0.823	< 0.001	< 0.001
227143_s_at	Hs.591054	<i>BID</i>	637	0.715	-0.845	< 0.001	< 0.001
222761_at	Hs.288809	<i>BIVM</i>	54841	0.744	-0.863	< 0.001	< 0.001
203773_x_at	Hs.488143	<i>BLVRA</i>	644	0.762	0.873	< 0.001	< 0.001
211729_x_at	Hs.488143	<i>BLVRA</i>	644	0.789	0.888	< 0.001	< 0.001
201849_at	Hs.144873	<i>BNIP3</i>	664	0.634	0.796	< 0.001	< 0.001
227291_s_at	Hs.61472	<i>BOLA3</i>	388962	0.657	0.811	< 0.001	< 0.001
203825_at	Hs.522472	<i>BRD3</i>	8019	0.634	-0.796	< 0.001	< 0.001
230497_at	—	<i>BRUNOL5</i>	60680	0.805	-0.897	< 0.001	< 0.001
232416_at	—	<i>BRUNOL5</i>	60680	0.769	-0.877	< 0.001	< 0.001
205548_s_at	Hs.473420	<i>BTG3</i>	10950	0.644	-0.802	< 0.001	< 0.001
213134_x_at	Hs.473420	<i>BTG3</i>	10950	0.694	-0.833	< 0.001	< 0.001
218462_at	Hs.481202	<i>BXDC5</i>	80135	0.630	0.794	< 0.001	< 0.001
217809_at	Hs.487635	<i>BZW2</i>	28969	0.817	-0.904	< 0.001	< 0.001
224665_at	Hs.426296	<i>C10orf104</i>	119504	0.679	0.824	< 0.001	< 0.001
220703_at	Hs.644603	<i>C10orf110</i>	55853	0.604	0.777	< 0.001	< 0.001
203571_s_at	Hs.642660	<i>C10orf116</i>	10974	0.687	0.829	< 0.001	< 0.001
222464_s_at	Hs.124246	<i>C10orf119</i>	79892	0.607	-0.779	< 0.001	< 0.001
212560_at	—	<i>C11orf32</i>	442871	0.680	0.825	< 0.001	< 0.001
221637_s_at	Hs.9061	<i>C11orf48</i>	79081	0.618	0.786	< 0.001	< 0.001
235486_at	Hs.22270	<i>C11orf69</i>	120196	0.788	0.888	< 0.001	< 0.001
213701_at	Hs.591009	<i>C12orf29</i>	91298	0.799	0.894	< 0.001	< 0.001
228378_at	Hs.591009	<i>C12orf29</i>	91298	0.616	0.785	< 0.001	< 0.001
225772_s_at	Hs.388645	<i>C12orf62</i>	84987	0.781	0.883	< 0.001	< 0.001
236853_at	Hs.210677	<i>C13orf16</i>	121793	0.634	0.796	< 0.001	< 0.001
228044_at	Hs.377972	<i>C13orf21</i>	387923	0.745	0.863	< 0.001	< 0.001
223215_s_at	Hs.446850	<i>C14orf100</i>	51528	0.650	0.806	< 0.001	< 0.001
226684_at	Hs.168241	<i>C14orf103</i>	—	0.658	0.811	< 0.001	< 0.001
213398_s_at	Hs.645403	<i>C14orf124</i>	56948	0.619	0.787	< 0.001	< 0.001
223239_at	Hs.592297	<i>C14orf129</i>	51527	0.802	0.896	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
202279_at	Hs.109052	<i>C14orf2</i>	9556	0.678	0.823	< 0.001	< 0.001
210532_s_at	Hs.109052	<i>C14orf2</i>	9556	0.679	0.824	< 0.001	< 0.001
227544_at	Hs.509707	<i>C14orf83</i>	145225	0.627	-0.792	< 0.001	< 0.001
218493_at	Hs.15277	<i>C16orf33</i>	79622	0.683	0.826	< 0.001	< 0.001
223960_s_at	Hs.572399	<i>C16orf5</i>	29965	0.850	0.922	< 0.001	< 0.001
218447_at	Hs.388255	<i>C16orf61</i>	56942	0.740	0.860	< 0.001	< 0.001
214965_at	Hs.374556	<i>C16orf76</i>	124044	0.711	-0.843	< 0.001	< 0.001
226901_at	Hs.90790	<i>C17orf58</i>	284018	0.712	-0.844	< 0.001	< 0.001
221800_s_at	Hs.313905	<i>C17orf70</i>	80233	0.690	-0.831	< 0.001	< 0.001
225096_at	Hs.462729	<i>C17orf79</i>	55352	0.780	0.883	< 0.001	< 0.001
212055_at	Hs.558473	<i>C18orf10</i>	25941	0.673	0.821	< 0.001	< 0.001
221764_at	Hs.557655	<i>C19orf22</i>	91300	0.728	-0.853	< 0.001	< 0.001
222158_s_at	Hs.498317	<i>C1orf121</i>	51029	0.654	-0.809	< 0.001	< 0.001
223124_s_at	Hs.31819	<i>C1orf128</i>	57095	0.758	0.870	< 0.001	< 0.001
224867_at	—	<i>C1orf151</i>	440574	0.819	0.905	< 0.001	< 0.001
219988_s_at	Hs.456557	<i>C1orf164</i>	55182	0.729	0.854	< 0.001	< 0.001
219670_at	—	<i>C1orf165</i>	79656	0.820	0.905	< 0.001	< 0.001
218932_at	Hs.5111	<i>C1orf181</i>	54680	0.699	0.836	< 0.001	< 0.001
1554340_a_at	Hs.632364	<i>C1orf187</i>	374946	0.733	-0.856	< 0.001	< 0.001
1556826_s_at	Hs.371716	<i>C1orf187</i>	374946	0.644	-0.802	< 0.001	< 0.001
1558368_s_at	Hs.371716	<i>C1orf187</i>	374946	0.641	-0.801	< 0.001	< 0.001
230257_s_at	Hs.548197	<i>C1orf19</i>	116461	0.734	0.857	< 0.001	< 0.001
225404_at	Hs.27160	<i>C1orf212</i>	113444	0.823	0.907	< 0.001	< 0.001
1555226_s_at	Hs.287471	<i>C1orf43</i>	25912	0.639	0.799	< 0.001	< 0.001
223034_s_at	Hs.287471	<i>C1orf43</i>	25912	0.847	0.920	< 0.001	< 0.001
223272_s_at	Hs.642715	<i>C1orf57</i>	84284	0.679	0.824	< 0.001	< 0.001
226813_at	Hs.642715	<i>C1orf57</i>	84284	0.754	0.868	< 0.001	< 0.001
213925_at	Hs.592751	<i>C1orf95</i>	375057	0.713	-0.845	< 0.001	< 0.001
226973_at	Hs.517029	<i>C20orf102</i>	128434	0.658	-0.811	< 0.001	< 0.001
219463_at	Hs.22920	<i>C20orf103</i>	24141	0.628	0.792	< 0.001	< 0.001
224690_at	Hs.143736	<i>C20orf108</i>	116151	0.755	0.869	< 0.001	< 0.001
224693_at	Hs.143736	<i>C20orf108</i>	116151	0.640	0.800	< 0.001	< 0.001
225224_at	Hs.516978	<i>C20orf112</i>	140688	0.732	-0.856	< 0.001	< 0.001
218159_at	Hs.471975	<i>C20orf116</i>	65992	0.820	0.906	< 0.001	< 0.001
225473_at	Hs.460807	<i>C20orf117</i>	140710	0.616	-0.785	< 0.001	< 0.001
219961_s_at	Hs.187635	<i>C20orf19</i>	55857	0.814	0.902	< 0.001	< 0.001
228291_s_at	Hs.187635	<i>C20orf19</i>	55857	0.673	0.820	< 0.001	< 0.001
50314_i_at	Hs.274422	<i>C20orf27</i>	54976	0.661	-0.813	< 0.001	< 0.001
224584_at	Hs.472024	<i>C20orf30</i>	29058	0.659	0.812	< 0.001	< 0.001
218089_at	Hs.11314	<i>C20orf4</i>	25980	0.632	-0.795	< 0.001	< 0.001
217737_x_at	Hs.517134	<i>C20orf43</i>	51507	0.621	0.788	< 0.001	< 0.001
233842_x_at	Hs.517134	<i>C20orf43</i>	51507	0.692	0.832	< 0.001	< 0.001
234926_s_at	Hs.517134	<i>C20orf43</i>	51507	0.714	0.845	< 0.001	< 0.001
235182_at	Hs.559353	<i>C20orf82</i>	140862	0.740	-0.860	< 0.001	< 0.001
1557481_a_at	Hs.576551	<i>C21orf131</i>	387486	0.745	0.863	< 0.001	< 0.001
212875_s_at	Hs.473894	<i>C21orf25</i>	25966	0.689	0.830	< 0.001	< 0.001
224932_at	Hs.66915	<i>C22orf16</i>	400916	0.873	0.935	< 0.001	< 0.001
200042_at	Hs.474643	<i>C22orf28</i>	51493	0.603	0.776	< 0.001	< 0.001
228658_at	—	<i>C22orf35</i>	150271	0.774	-0.879	< 0.001	< 0.001
221983_at	Hs.516707	<i>C2orf17</i>	79137	0.713	0.845	< 0.001	< 0.001
222129_at	Hs.516707	<i>C2orf17</i>	79137	0.612	0.782	< 0.001	< 0.001
224628_at	Hs.438336	<i>C2orf30</i>	27248	0.856	0.925	< 0.001	< 0.001
224630_at	Hs.438336	<i>C2orf30</i>	27248	0.662	0.813	< 0.001	< 0.001
219065_s_at	Hs.444969	<i>C2orf4</i>	51072	0.766	-0.875	< 0.001	< 0.001
1555522_s_at	Hs.567952	<i>C2orf4</i> /// <i>LOC728556</i> /// <i>LOC731745</i>	51072	0.636	-0.798	< 0.001	< 0.001
226891_at	Hs.478741	<i>C3orf21</i>	152002	0.631	-0.794	< 0.001	< 0.001
220942_x_at	Hs.584881	<i>C3orf28</i>	26355	0.883	0.940	< 0.001	< 0.001
223193_x_at	Hs.584881	<i>C3orf28</i>	26355	0.869	0.932	< 0.001	< 0.001
224345_x_at	Hs.584881	<i>C3orf28</i>	26355	0.846	0.920	< 0.001	< 0.001

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**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
201677_at	Hs.458320	<i>C3orf37</i>	56941	0.752	0.867	< 0.001	< 0.001
201678_s_at	Hs.458320	<i>C3orf37</i>	56941	0.608	0.780	< 0.001	< 0.001
209177_at	—	<i>C3orf60</i>	25915	0.759	0.871	< 0.001	< 0.001
218449_at	Hs.651167	<i>C4orf20</i>	55325	0.632	0.795	< 0.001	< 0.001
227856_at	Hs.23439	<i>C4orf32</i>	132720	0.783	-0.885	< 0.001	< 0.001
201310_s_at	Hs.36053	<i>C5orf13</i>	9315	0.779	-0.883	< 0.001	< 0.001
227873_at	Hs.594478	<i>C5orf14</i>	79770	0.718	-0.847	< 0.001	< 0.001
212936_at	Hs.127788	<i>C5orf21</i>	83989	0.848	-0.921	< 0.001	< 0.001
219054_at	Hs.13528	<i>C5orf23</i>	79614	0.763	-0.874	< 0.001	< 0.001
224876_at	Hs.406549	<i>C5orf24</i>	134553	0.668	-0.817	< 0.001	< 0.001
228805_at	Hs.646921	<i>C5orf25</i>	375484	0.716	-0.846	< 0.001	< 0.001
227226_at	Hs.370055	<i>C6orf117</i>	112609	0.844	0.919	< 0.001	< 0.001
225723_at	Hs.284207	<i>C6orf129</i>	154467	0.763	-0.873	< 0.001	< 0.001
213322_at	Hs.227457	<i>C6orf130</i>	221443	0.707	0.841	< 0.001	< 0.001
218874_s_at	—	<i>C6orf134</i>	79969	0.774	-0.879	< 0.001	< 0.001
227455_at	Hs.591787	<i>C6orf136</i>	221545	0.604	0.777	< 0.001	< 0.001
226936_at	Hs.486401	<i>C6orf173</i>	387103	0.712	-0.844	< 0.001	< 0.001
230695_s_at	Hs.534585	<i>C6orf206</i>	221421	0.831	-0.912	< 0.001	< 0.001
218195_at	Hs.15929	<i>C6orf211</i>	79624	0.681	0.825	< 0.001	< 0.001
223022_s_at	Hs.431367	<i>C6orf55</i>	51534	0.720	-0.848	< 0.001	< 0.001
204215_at	Hs.196129	<i>C7orf23</i>	79161	0.751	0.866	< 0.001	< 0.001
201973_s_at	Hs.530000	<i>C7orf28A</i>	51622	0.704	-0.839	< 0.001	< 0.001
1562301_at	Hs.491941	<i>C8orf34</i>	116328	0.743	-0.862	< 0.001	< 0.001
231380_at	Hs.491941	<i>C8orf34</i>	116328	0.773	-0.879	< 0.001	< 0.001
223614_at	Hs.492187	<i>C8orf57</i>	84257	0.815	-0.903	< 0.001	< 0.001
228790_at	Hs.154652	<i>C8orf72</i>	90362	0.638	-0.799	< 0.001	< 0.001
227865_at	Hs.530261	<i>C9orf103</i>	414328	0.623	0.790	< 0.001	< 0.001
212848_s_at	Hs.434253	<i>C9orf3</i>	84909	0.627	0.792	< 0.001	< 0.001
218998_at	Hs.29276	<i>C9orf6</i>	54942	0.742	0.861	< 0.001	< 0.001
206208_at	Hs.89485	<i>CA4</i>	762	0.638	0.799	< 0.001	< 0.001
206209_s_at	Hs.89485	<i>CA4</i>	762	0.755	0.869	< 0.001	< 0.001
208320_at	Hs.458482	<i>CABP1</i>	9478	0.894	0.945	< 0.001	< 0.001
208321_s_at	Hs.458482	<i>CABP1</i>	9478	0.889	0.943	< 0.001	< 0.001
210181_s_at	Hs.458482	<i>CABP1</i>	9478	0.908	0.953	< 0.001	< 0.001
236013_at	Hs.437444	<i>CACNA1E</i>	777	0.624	-0.790	< 0.001	< 0.001
207869_s_at	Hs.591169	<i>CACNA1G</i>	8913	0.622	-0.789	< 0.001	< 0.001
210380_s_at	Hs.591169	<i>CACNA1G</i>	8913	0.621	-0.788	< 0.001	< 0.001
221585_at	Hs.514423	<i>CACNG4</i>	27092	0.751	-0.866	< 0.001	< 0.001
219572_at	Hs.126730	<i>CADPS2</i>	93664	0.644	0.803	< 0.001	< 0.001
205428_s_at	Hs.106857	<i>CALB2</i>	794	0.850	-0.922	< 0.001	< 0.001
214693_x_at	Hs.512037	<i>CALCA</i> /// <i>CALCB</i> /// <i>NBPF14</i> /// <i>DKFZP564O0823</i> /// <i>NBPF1</i> /// <i>PARD3B</i> /// <i>KIAA1245</i> /// <i>NBPF11</i> /// <i>NBPF15</i> /// <i>NBPF20</i> /// <i>NBPF9</i> /// <i>NBPF10</i> /// <i>NBPF8</i> /// <i>LOC728936</i> /// <i>LOC728980</i> /// <i>LOC730476</i>	149013 /// 200030 /// 25832 /// 284565 /// 400818 /// 440670 /// 440673 /// 440675 /// 55672 /// 641559 /// 644291 /// 644474 /// 652874	0.605	-0.778	< 0.001	< 0.001
223885_at	Hs.333274	<i>CALN1</i>	83698	0.785	-0.886	< 0.001	< 0.001
204392_at	Hs.434875	<i>CAMK1</i>	8536	0.652	-0.807	< 0.001	< 0.001
215161_at	Hs.199068	<i>CAMK1G</i>	57172	0.672	0.820	< 0.001	< 0.001
209956_s_at	Hs.351887	<i>CAMK2B</i>	816	0.703	-0.838	< 0.001	< 0.001
210404_x_at	Hs.351887	<i>CAMK2B</i>	816	0.699	-0.836	< 0.001	< 0.001
211483_x_at	Hs.351887	<i>CAMK2B</i>	816	0.726	-0.852	< 0.001	< 0.001
212669_at	Hs.523045	<i>CAMK2G</i>	818	0.755	0.869	< 0.001	< 0.001
212757_s_at	Hs.523045	<i>CAMK2G</i>	818	0.724	0.851	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
230706_s_at	Hs.585003	<i>CAMK2N2</i>	94032	0.799	-0.894	< 0.001	< 0.001
223460_at	Hs.8417	<i>CAMKK1</i>	84254	0.785	0.886	< 0.001	< 0.001
212710_at	Hs.522493	<i>CAMSAP1</i>	157922	0.701	-0.837	< 0.001	< 0.001
229781_at	Hs.397705 /// Hs.651417	<i>CAMTA1</i>	—	0.672	0.820	< 0.001	< 0.001
210944_s_at	Hs.143261	<i>CAPN3</i>	825	0.760	0.872	< 0.001	< 0.001
211890_x_at	Hs.143261	<i>CAPN3</i>	825	0.653	0.808	< 0.001	< 0.001
214475_x_at	Hs.143261	<i>CAPN3</i>	825	0.707	0.841	< 0.001	< 0.001
200001_at	Hs.515371	<i>CAPNS1</i>	826	0.680	0.824	< 0.001	< 0.001
224370_s_at	Hs.407154	<i>CAPS2</i>	84698	0.708	0.841	< 0.001	< 0.001
208374_s_at	Hs.514934	<i>CAPZA1</i>	829	0.731	0.855	< 0.001	< 0.001
207620_s_at	Hs.495984	<i>CASK</i>	8573	0.716	-0.846	< 0.001	< 0.001
211208_s_at	Hs.495984	<i>CASK</i>	8573	0.864	-0.930	< 0.001	< 0.001
202763_at	Hs.141125	<i>CASP3</i>	836	0.790	-0.889	< 0.001	< 0.001
219645_at	Hs.632476	<i>CASQ1</i>	844	0.628	0.793	< 0.001	< 0.001
207467_x_at	Hs.440961	<i>CAST</i>	831	0.722	0.850	< 0.001	< 0.001
208908_s_at	Hs.440961	<i>CAST</i>	831	0.675	0.821	< 0.001	< 0.001
212586_at	Hs.440961	<i>CAST</i>	831	0.769	0.877	< 0.001	< 0.001
203323_at	Hs.212332	<i>CAV2</i>	858	0.623	-0.789	< 0.001	< 0.001
234024_at	Hs.126141	<i>CBLN4</i>	140689	0.727	0.853	< 0.001	< 0.001
242524_at	Hs.126141	<i>CBLN4</i>	140689	0.751	0.866	< 0.001	< 0.001
209213_at	Hs.88778	<i>CBR1</i>	873	0.640	0.800	< 0.001	< 0.001
200037_s_at	Hs.381189	<i>CBX3</i> /// <i>LOC653972</i>	11335 /// 653972	0.733	-0.856	< 0.001	< 0.001
212914_at	Hs.356416	<i>CBX7</i>	23492	0.872	0.934	< 0.001	< 0.001
224968_at	Hs.264208	<i>CCDC104</i>	112942	0.608	0.780	< 0.001	< 0.001
225320_at	Hs.591366	<i>CCDC109A</i>	90550	0.787	-0.887	< 0.001	< 0.001
218802_at	Hs.234149	<i>CCDC109B</i>	55013	0.725	-0.852	< 0.001	< 0.001
235208_at	Hs.436121	<i>CCDC112</i>	153733	0.639	-0.800	< 0.001	< 0.001
225017_at	Hs.17731	<i>CCDC14</i>	64770	0.829	-0.910	< 0.001	< 0.001
218125_s_at	Hs.445512	<i>CCDC25</i>	55246	0.831	0.912	< 0.001	< 0.001
222525_s_at	Hs.445512	<i>CCDC25</i>	55246	0.831	0.912	< 0.001	< 0.001
209479_at	Hs.412019	<i>CCDC28A</i>	25901	0.879	0.937	< 0.001	< 0.001
221912_s_at	Hs.534482	<i>CCDC28B</i>	79140	0.774	-0.880	< 0.001	< 0.001
230896_at	Hs.120591	<i>CCDC4</i>	389206	0.672	-0.820	< 0.001	< 0.001
221069_s_at	Hs.174134	<i>CCDC44</i>	51204	0.705	0.840	< 0.001	< 0.001
217814_at	Hs.202011	<i>CCDC47</i>	57003	0.763	0.874	< 0.001	< 0.001
222432_s_at	Hs.202011	<i>CCDC47</i>	57003	0.743	0.862	< 0.001	< 0.001
218545_at	Hs.651123	<i>CCDC91</i>	55297	0.688	0.830	< 0.001	< 0.001
218175_at	Hs.114111	<i>CCDC92</i>	80212	0.734	0.857	< 0.001	< 0.001
227286_at	Hs.434864	<i>CCDC95</i>	283899	0.613	-0.783	< 0.001	< 0.001
205827_at	Hs.458426	<i>CCK</i>	885	0.760	0.872	< 0.001	< 0.001
223164_at	Hs.148272	<i>CCM2</i>	83605	0.687	0.829	< 0.001	< 0.001
223084_s_at	Hs.36794	<i>CCNDBP1</i>	23582	0.751	0.867	< 0.001	< 0.001
208650_s_at	Hs.644105	<i>CD24</i>	647456 /// 934	0.895	-0.946	< 0.001	< 0.001
208651_x_at	Hs.644105	<i>CD24</i>	934	0.922	-0.960	< 0.001	< 0.001
209771_x_at	Hs.644105	<i>CD24</i>	934	0.914	-0.956	< 0.001	< 0.001
209772_s_at	Hs.644105	<i>CD24</i>	934	0.857	-0.926	< 0.001	< 0.001
216379_x_at	Hs.644105	<i>CD24</i>	934	0.913	-0.956	< 0.001	< 0.001
266_s_at	Hs.644105	<i>CD24</i>	934	0.928	-0.963	< 0.001	< 0.001
200983_x_at	Hs.278573	<i>CD59</i>	966	0.665	0.815	< 0.001	< 0.001
200984_s_at	Hs.278573	<i>CD59</i>	966	0.741	0.861	< 0.001	< 0.001
200985_s_at	Hs.278573	<i>CD59</i>	966	0.818	0.904	< 0.001	< 0.001
212463_at	Hs.278573	<i>CD59</i>	966	0.698	0.836	< 0.001	< 0.001
223041_at	Hs.522805	<i>CD99L2</i>	83692	0.702	0.838	< 0.001	< 0.001
233825_s_at	Hs.522805	<i>CD99L2</i>	83692	0.639	0.799	< 0.001	< 0.001
209953_s_at	Hs.160958	<i>CDC37</i>	11140	0.606	0.779	< 0.001	< 0.001
214230_at	Hs.597524	<i>CDC42</i>	998	0.661	-0.813	< 0.001	< 0.001
207172_s_at	Hs.116471	<i>CDH11</i>	1009	0.736	-0.858	< 0.001	< 0.001
207173_x_at	Hs.116471	<i>CDH11</i>	1009	0.780	-0.883	< 0.001	< 0.001
206280_at	Hs.317632	<i>CDH18</i>	1016	0.646	0.804	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
215181_at	Hs.472861	<i>CDH22</i>	64405	0.646	0.804	< 0.001	< 0.001
203256_at	Hs.554598	<i>CDH3</i>	1001	0.725	-0.852	< 0.001	< 0.001
204831_at	Hs.382306	<i>CDK8</i>	1024	0.810	-0.900	< 0.001	< 0.001
235512_at	Hs.280881	<i>CDKL1</i>	8814	0.732	0.855	< 0.001	< 0.001
226185_at	Hs.444924	<i>CDS1</i>	1040	0.638	0.799	< 0.001	< 0.001
226187_at	Hs.444924	<i>CDS1</i>	1040	0.654	0.808	< 0.001	< 0.001
219591_at	Hs.22140	<i>CEND1</i>	51286	0.686	0.829	< 0.001	< 0.001
213618_at	Hs.479451	<i>CENTD1</i>	116984	0.844	0.919	< 0.001	< 0.001
207719_x_at	Hs.533635	<i>CEP170</i>	9859	0.791	-0.890	< 0.001	< 0.001
212746_s_at	Hs.533635	<i>CEP170</i>	9859	0.759	-0.871	< 0.001	< 0.001
224663_s_at	Hs.180141	<i>CFL2</i>	1073	0.807	0.898	< 0.001	< 0.001
233496_s_at	Hs.180141	<i>CFL2</i>	1073	0.776	0.881	< 0.001	< 0.001
213375_s_at	Hs.161220	<i>CGO18</i>	90634	0.770	0.877	< 0.001	< 0.001
217197_x_at	Hs.161220	<i>CGO18</i>	90634	0.643	0.802	< 0.001	< 0.001
208806_at	Hs.25601	<i>CHD3</i>	1107	0.781	-0.884	< 0.001	< 0.001
208807_s_at	Hs.25601	<i>CHD3</i>	1107	0.786	-0.887	< 0.001	< 0.001
225031_at	Hs.371979	<i>CHD6</i>	84181	0.692	0.832	< 0.001	< 0.001
218803_at	Hs.560003	<i>CHFR</i>	55743	0.792	-0.890	< 0.001	< 0.001
218571_s_at	Hs.279761	<i>CHMP4A</i>	29082	0.670	0.819	< 0.001	< 0.001
218572_at	Hs.279761	<i>CHMP4A</i>	29082	0.707	0.841	< 0.001	< 0.001
225498_at	Hs.472471	<i>CHMP4B</i>	128866	0.753	0.868	< 0.001	< 0.001
213385_at	Hs.151880	<i>CHN2</i>	1124	0.717	-0.847	< 0.001	< 0.001
214665_s_at	Hs.406234	<i>CHP</i>	11261	0.671	-0.819	< 0.001	< 0.001
200999_s_at	Hs.74368	<i>CKAP4</i>	10970	0.785	-0.886	< 0.001	< 0.001
200884_at	Hs.173724	<i>CKB</i>	1152	0.785	0.886	< 0.001	< 0.001
212309_at	Hs.108614	<i>CLASP2</i>	23122	0.642	-0.801	< 0.001	< 0.001
203950_s_at	Hs.193043	<i>CLCN6</i>	1185	0.723	0.850	< 0.001	< 0.001
1554149_at	Hs.531371	<i>CLDND1</i>	56650	0.656	0.810	< 0.001	< 0.001
208925_at	Hs.531371	<i>CLDND1</i>	56650	0.701	0.837	< 0.001	< 0.001
201640_x_at	Hs.444441	<i>CLPTM1</i>	1209	0.657	0.810	< 0.001	< 0.001
222043_at	Hs.436657	<i>CLU</i>	1191	0.649	0.805	< 0.001	< 0.001
223699_at	Hs.400613	<i>CNDP1</i>	84735	0.817	0.904	< 0.001	< 0.001
217752_s_at	Hs.149185	<i>CNDP2</i>	55748	0.641	0.801	< 0.001	< 0.001
230070_at	Hs.437072	<i>CNIH2</i>	254263	0.671	-0.819	< 0.001	< 0.001
1557943_at	Hs.273621	<i>CNP</i>	1267	0.604	0.777	< 0.001	< 0.001
213436_at	Hs.75110	<i>CNR1</i>	1268	0.609	-0.780	< 0.001	< 0.001
1554784_at	Hs.143434	<i>CNTN1</i>	1272	0.617	0.786	< 0.001	< 0.001
229831_at	Hs.12723	<i>CNTN3</i>	5067	0.629	-0.793	< 0.001	< 0.001
219400_at	Hs.408730	<i>CNTNAP1</i>	8506	0.665	0.815	< 0.001	< 0.001
213050_at	Hs.99141	<i>COBL</i>	23242	0.686	0.828	< 0.001	< 0.001
1554242_a_at	Hs.21016	<i>COCH</i>	1690	0.666	-0.816	< 0.001	< 0.001
205229_s_at	Hs.21016	<i>COCH</i>	1690	0.822	-0.907	< 0.001	< 0.001
225664_at	Hs.101302	<i>COL12A1</i>	1303	0.701	-0.837	< 0.001	< 0.001
204345_at	Hs.368921	<i>COL16A1</i>	1307	0.676	0.822	< 0.001	< 0.001
1556499_s_at	Hs.172928	<i>COL1A1</i>	1277	0.655	-0.809	< 0.001	< 0.001
202404_s_at	Hs.489142	<i>COL1A2</i>	1278	0.738	-0.859	< 0.001	< 0.001
211161_s_at	Hs.443625	<i>COL3A1</i>	1281	0.609	-0.780	< 0.001	< 0.001
215076_s_at	Hs.443625	<i>COL3A1</i>	1281	0.659	-0.812	< 0.001	< 0.001
211980_at	Hs.17441	<i>COL4A1</i>	1282	0.646	-0.804	< 0.001	< 0.001
211981_at	Hs.17441	<i>COL4A1</i>	1282	0.669	-0.818	< 0.001	< 0.001
211964_at	Hs.508716	<i>COL4A2</i>	1284	0.805	-0.897	< 0.001	< 0.001
211966_at	Hs.508716	<i>COL4A2</i>	1284	0.769	-0.877	< 0.001	< 0.001
1552701_a_at	Hs.348365	<i>COP1</i>	114769	0.623	-0.789	< 0.001	< 0.001
213504_at	Hs.15591	<i>COPS6</i>	10980	0.685	0.828	< 0.001	< 0.001
213379_at	Hs.144304	<i>COQ2</i>	27235	0.782	-0.885	< 0.001	< 0.001
209789_at	Hs.551213	<i>CORO2B</i>	10391	0.699	0.836	< 0.001	< 0.001
200086_s_at	Hs.433419	<i>COX4I1</i>	1327	0.851	0.923	< 0.001	< 0.001
202698_x_at	Hs.433419	<i>COX4I1</i>	1327	0.868	0.932	< 0.001	< 0.001
202343_x_at	Hs.1342	<i>COX5B</i>	1329	0.766	0.875	< 0.001	< 0.001
211025_x_at	Hs.1342	<i>COX5B</i>	1329	0.801	0.895	< 0.001	< 0.001

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**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
213735_s_at	Hs.1342	<i>COX5B</i>	1329	0.721	0.849	< 0.001	< 0.001
201441_at	Hs.431668	<i>COX6B1</i>	1340	0.776	0.881	< 0.001	< 0.001
204570_at	Hs.421621	<i>COX7A1</i>	1346	0.687	0.829	< 0.001	< 0.001
219578_s_at	Hs.547988	<i>CPEB1</i>	64506	0.835	0.914	< 0.001	< 0.001
223500_at	Hs.478930	<i>CPLX1</i>	10815	0.794	0.891	< 0.001	< 0.001
218142_s_at	Hs.18925	<i>CRBN</i>	51185	0.620	0.788	< 0.001	< 0.001
201988_s_at	Hs.591156	<i>CREBL2</i>	1389	0.610	0.781	< 0.001	< 0.001
201989_s_at	Hs.591156	<i>CREBL2</i>	1389	0.702	0.838	< 0.001	< 0.001
201990_s_at	Hs.591156	<i>CREBL2</i>	1389	0.656	0.810	< 0.001	< 0.001
1552714_at	Hs.30917	<i>CREG2</i>	200407	0.641	0.800	< 0.001	< 0.001
223475_at	Hs.436542	<i>CRISPLD1</i>	83690	0.650	-0.806	< 0.001	< 0.001
212180_at	Hs.592205	<i>CRKL</i>	1399	0.618	0.786	< 0.001	< 0.001
202517_at	Hs.135270	<i>CRM1P1</i>	1400	0.910	-0.954	< 0.001	< 0.001
221139_s_at	Hs.279815	<i>CSAD</i>	51380	0.640	-0.800	< 0.001	< 0.001
209981_at	Hs.310893	<i>CSDC2</i>	27254	0.819	-0.905	< 0.001	< 0.001
1557143_at	Hs.127736	<i>CSMD2</i>	114784	0.822	-0.907	< 0.001	< 0.001
202332_at	Hs.474833	<i>CSNK1E</i>	1454	0.678	-0.824	< 0.001	< 0.001
205143_at	Hs.169047	<i>CSPG3</i>	1463	0.772	-0.879	< 0.001	< 0.001
205344_at	Hs.45127	<i>CSPG5</i>	10675	0.708	-0.841	< 0.001	< 0.001
39966_at	Hs.45127	<i>CSPG5</i>	10675	0.886	-0.941	< 0.001	< 0.001
207030_s_at	Hs.530904	<i>CSRP2</i>	1466	0.721	-0.849	< 0.001	< 0.001
211126_s_at	Hs.530904	<i>CSRP2</i>	1466	0.741	-0.861	< 0.001	< 0.001
225681_at	Hs.405614	<i>CTHRC1</i>	115908	0.610	-0.781	< 0.001	< 0.001
227863_at	Hs.121575	<i>CTSD</i>	1509	0.662	0.814	< 0.001	< 0.001
201059_at	Hs.632133	<i>CTTN</i>	2017	0.737	0.858	< 0.001	< 0.001
209489_at	Hs.632137	<i>CUGBP1</i>	10658	0.666	-0.816	< 0.001	< 0.001
1557422_at	Hs.309288	<i>CUGBP2</i>	10659	0.718	-0.848	< 0.001	< 0.001
1560049_at	Hs.309288	<i>CUGBP2</i>	10659	0.683	-0.826	< 0.001	< 0.001
202156_s_at	Hs.309288	<i>CUGBP2</i>	10659	0.720	-0.849	< 0.001	< 0.001
202157_s_at	Hs.309288	<i>CUGBP2</i>	10659	0.655	-0.810	< 0.001	< 0.001
215147_at	Hs.309288	<i>CUGBP2</i>	10659	0.644	-0.803	< 0.001	< 0.001
240665_at	Hs.309288	<i>CUGBP2</i>	10659	0.696	-0.834	< 0.001	< 0.001
242268_at	Hs.309288	<i>CUGBP2</i>	10659	0.625	-0.790	< 0.001	< 0.001
1555716_a_at	Hs.634837	<i>CXADR</i>	1525	0.625	-0.791	< 0.001	< 0.001
203917_at	Hs.634837	<i>CXADR</i>	1525	0.948	-0.974	< 0.001	< 0.001
226374_at	Hs.634837	<i>CXADR</i>	1525	0.952	-0.976	< 0.001	< 0.001
220277_at	Hs.12248	<i>CXXC4</i>	80319	0.764	-0.874	< 0.001	< 0.001
229774_at	Hs.12248	<i>CXXC4</i>	80319	0.839	-0.916	< 0.001	< 0.001
222996_s_at	Hs.189119	<i>CXXC5</i>	51523	0.639	0.799	< 0.001	< 0.001
224516_s_at	Hs.189119	<i>CXXC5</i>	51523	0.674	0.821	< 0.001	< 0.001
233955_x_at	Hs.189119	<i>CXXC5</i>	51523	0.675	0.822	< 0.001	< 0.001
238554_at	Hs.461131	<i>CYB5B</i>	80777	0.622	0.789	< 0.001	< 0.001
206424_at	Hs.150595	<i>CYP26A1</i>	1592	0.792	-0.890	< 0.001	< 0.001
227109_at	Hs.371427	<i>CYP2R1</i>	120227	0.664	-0.815	< 0.001	< 0.001
228739_at	Hs.27092	<i>CYS1</i>	192668 /// 649824	0.620	0.787	< 0.001	< 0.001
216060_s_at	Hs.19156	<i>DAAM1</i>	23002	0.755	-0.869	< 0.001	< 0.001
226666_at	Hs.19156	<i>DAAM1</i>	64582	0.691	-0.831	< 0.001	< 0.001
1564580_at	Hs.477370	<i>DAB1</i>	1600	0.602	-0.776	< 0.001	< 0.001
242840_at	Hs.477370	<i>DAB1</i>	1600	0.695	-0.834	< 0.001	< 0.001
219179_at	Hs.48950	<i>DACT1</i>	51339	0.865	-0.930	< 0.001	< 0.001
200794_x_at	Hs.369761	<i>DAZAP2</i>	9802	0.724	0.851	< 0.001	< 0.001
214334_x_at	Hs.369761	<i>DAZAP2</i>	9802	0.706	0.840	< 0.001	< 0.001
205818_at	Hs.532316	<i>DBC1</i>	1620	0.644	-0.803	< 0.001	< 0.001
202806_at	Hs.130316	<i>DBN1</i>	1627	0.625	-0.790	< 0.001	< 0.001
218094_s_at	Hs.472847	<i>DBNDD2</i> /// <i>C20orf169-DBNDD2</i>	55861	0.641	0.801	< 0.001	< 0.001
229800_at	Hs.507755	<i>DCAMKL1</i>	9201	0.649	-0.805	< 0.001	< 0.001
218892_at	Hs.199850	<i>DCHS1</i>	8642	0.658	-0.811	< 0.001	< 0.001
222101_s_at	Hs.199850	<i>DCHS1</i>	8642	0.862	-0.929	< 0.001	< 0.001
222889_at	Hs.591412	<i>DCLRE1B</i>	64858	0.631	-0.795	< 0.001	< 0.001



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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
204850_s_at	Hs.34780	<i>DCX</i>	1641	0.895	-0.946	< 0.001	< 0.001
204851_s_at	Hs.34780	<i>DCX</i>	1641	0.896	-0.947	< 0.001	< 0.001
208619_at	Hs.290758	<i>DCB1</i>	1642	0.635	0.797	< 0.001	< 0.001
201241_at	Hs.440599	<i>DDX1</i>	1653	0.687	0.829	< 0.001	< 0.001
200694_s_at	Hs.510328	<i>DDX24</i>	57062	0.912	0.955	< 0.001	< 0.001
200702_s_at	Hs.510328	<i>DDX24</i>	57062	0.636	0.797	< 0.001	< 0.001
201788_at	Hs.651132	<i>DDX42</i>	11325	0.663	0.814	< 0.001	< 0.001
210811_s_at	Hs.143187	<i>DDX49</i>	54555	0.654	-0.809	< 0.001	< 0.001
31807_at	Hs.143187	<i>DDX49</i>	54555	0.728	-0.853	< 0.001	< 0.001
222543_at	Hs.241576	<i>DEFL1</i>	79139	0.721	-0.849	< 0.001	< 0.001
203733_at	Hs.592051	<i>DEXI</i>	28955	0.735	0.858	< 0.001	< 0.001
208072_s_at	Hs.471675	<i>DGKD</i>	8527	0.801	-0.895	< 0.001	< 0.001
210788_s_at	Hs.59719	<i>DHRS7</i>	51635	0.787	0.887	< 0.001	< 0.001
213598_at	Hs.533222	<i>DIMT1L</i>	27292	0.702	-0.838	< 0.001	< 0.001
226480_at	Hs.533222	<i>DIMT1L</i>	27292	0.636	-0.797	< 0.001	< 0.001
212856_at	Hs.475150	<i>DIP</i>	23151	0.654	-0.809	< 0.001	< 0.001
226278_at	Hs.349096	<i>DKFZp313A2432</i>	258010	0.833	0.912	< 0.001	< 0.001
230005_at	Hs.349096	<i>DKFZp313A2432</i>	258010	0.918	0.958	< 0.001	< 0.001
230006_s_at	Hs.349096	<i>DKFZp313A2432</i>	258010	0.942	0.970	< 0.001	< 0.001
230285_at	Hs.349096	<i>DKFZp313A2432</i>	258010	0.921	0.960	< 0.001	< 0.001
204687_at	Hs.105460	<i>DKFZP564O0823</i>	25849	0.617	0.786	< 0.001	< 0.001
213661_at	Hs.55044	<i>DKFZP586H2123</i>	25891	0.651	0.807	< 0.001	< 0.001
214030_at	Hs.643583	<i>DKFZp667G2110</i>	131544	0.687	0.829	< 0.001	< 0.001
1555798_at	Hs.590968	<i>DKFZp761D1918</i>	400692	0.637	-0.798	< 0.001	< 0.001
225355_at	Hs.91521	<i>DKFZP761M1511</i>	54492	0.832	-0.912	< 0.001	< 0.001
202196_s_at	Hs.292156	<i>DKK3</i>	27122	0.773	0.879	< 0.001	< 0.001
214247_s_at	Hs.292156	<i>DKK3</i>	27122	0.721	0.849	< 0.001	< 0.001
228973_at	Hs.503453	<i>DLG2</i>	1740	0.800	-0.895	< 0.001	< 0.001
234480_at	Hs.503453	<i>DLG2</i>	1740	0.627	-0.792	< 0.001	< 0.001
201681_s_at	Hs.500245	<i>DLG5</i>	9231	0.896	-0.947	< 0.001	< 0.001
202570_s_at	Hs.249600	<i>DLGAP4</i>	22839	0.708	-0.842	< 0.001	< 0.001
219537_x_at	Hs.127792	<i>DLL3</i>	10683	0.716	-0.846	< 0.001	< 0.001
207147_at	Hs.419	<i>DLX2</i>	1746	0.648	-0.805	< 0.001	< 0.001
212730_at	Hs.207106	<i>DMN</i>	23336	0.784	0.886	< 0.001	< 0.001
1553998_at	Hs.558685	<i>DMRTC1</i> /// <i>LOC728656</i>	63947 /// 653349	0.702	0.838	< 0.001	< 0.001
1554078_s_at	Hs.459779	<i>DNAJA3</i>	9093	0.661	0.813	< 0.001	< 0.001
205963_s_at	Hs.459779	<i>DNAJA3</i>	9093	0.657	0.810	< 0.001	< 0.001
230893_at	Hs.131887	<i>DNAJA5</i>	134218	0.763	0.873	< 0.001	< 0.001
235032_at	Hs.131887	<i>DNAJA5</i>	134218	0.750	0.866	< 0.001	< 0.001
238337_s_at	Hs.131887	<i>DNAJA5</i>	134218	0.673	0.821	< 0.001	< 0.001
207453_s_at	Hs.237506	<i>DNAJB5</i>	25822	0.668	-0.817	< 0.001	< 0.001
212817_at	Hs.237506	<i>DNAJB5</i>	25822	0.727	-0.853	< 0.001	< 0.001
218976_at	Hs.260720	<i>DNAJC12</i>	56521	0.846	0.920	< 0.001	< 0.001
223721_s_at	Hs.260720	<i>DNAJC12</i>	56521	0.790	0.889	< 0.001	< 0.001
205545_x_at	Hs.433540	<i>DNAJC8</i>	22826	0.718	0.847	< 0.001	< 0.001
226281_at	Hs.234074	<i>DNER</i>	92737	0.634	-0.796	< 0.001	< 0.001
215116_s_at	Hs.522413	<i>DNM1</i>	1759	0.778	0.882	< 0.001	< 0.001
209839_at	Hs.584880	<i>DNM3</i>	26052	0.669	0.818	< 0.001	< 0.001
209691_s_at	Hs.279832	<i>DOK4</i>	55715	0.738	-0.859	< 0.001	< 0.001
1554863_s_at	Hs.473133	<i>DOK5</i>	55816	0.854	-0.924	< 0.001	< 0.001
214844_s_at	Hs.473133	<i>DOK5</i>	55816	0.888	-0.942	< 0.001	< 0.001
221677_s_at	Hs.436341	<i>DONSON</i>	29980	0.612	-0.782	< 0.001	< 0.001
218567_x_at	Hs.502914	<i>DPP3</i>	10072	0.612	-0.782	< 0.001	< 0.001
232510_s_at	Hs.502914	<i>DPP3</i>	10072	0.672	-0.819	< 0.001	< 0.001
220939_s_at	Hs.591106	<i>DPP8</i>	54878	0.629	0.793	< 0.001	< 0.001
230158_at	Hs.533644	<i>DPY19L2</i>	283417	0.685	-0.828	< 0.001	< 0.001
201430_s_at	Hs.519659	<i>DPYSL3</i>	1809	0.772	-0.879	< 0.001	< 0.001
201431_s_at	Hs.519659	<i>DPYSL3</i>	1809	0.942	-0.971	< 0.001	< 0.001
205493_s_at	Hs.100058	<i>DPYSL4</i>	10570	0.805	-0.897	< 0.001	< 0.001
222797_at	Hs.299315	<i>DPYSL5</i>	56896	0.838	-0.915	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
202810_at	Hs.115242	<i>DRG1</i>	4733	0.749	0.865	< 0.001	< 0.001
203498_at	Hs.440168	<i>DSCR1L1</i>	10231	0.935	0.967	< 0.001	< 0.001
223445_at	Hs.571148	<i>DYNBP1</i>	84062	0.657	0.811	< 0.001	< 0.001
223446_s_at	Hs.571148	<i>DYNBP1</i>	84062	0.747	0.864	< 0.001	< 0.001
212611_at	Hs.523696	<i>DTX4</i>	23220	0.761	-0.873	< 0.001	< 0.001
227098_at	Hs.517544	<i>DUSP18</i>	150290	0.772	-0.879	< 0.001	< 0.001
223402_at	Hs.425801	<i>DUSP23</i>	54935	0.866	-0.931	< 0.001	< 0.001
219144_at	Hs.8719	<i>DUSP26</i>	78986	0.642	-0.801	< 0.001	< 0.001
217917_s_at	Hs.593920	<i>DYNLRB1</i>	83658	0.710	0.843	< 0.001	< 0.001
217918_at	Hs.593920	<i>DYNLRB1</i>	83658	0.716	0.846	< 0.001	< 0.001
201999_s_at	Hs.445999	<i>DYNLT1</i>	6993	0.607	-0.779	< 0.001	< 0.001
203303_at	Hs.446392	<i>DYNLT3</i>	6990	0.831	0.911	< 0.001	< 0.001
202968_s_at	Hs.173135	<i>DYRK2</i>	8445	0.764	-0.874	< 0.001	< 0.001
202971_s_at	Hs.173135	<i>DYRK2</i>	8445	0.851	-0.922	< 0.001	< 0.001
208091_s_at	Hs.610460	<i>ECOP</i>	81552	0.843	-0.918	< 0.001	< 0.001
204037_at	Hs.126667	<i>EDG2</i>	1902 /// 644923	0.600	0.775	< 0.001	< 0.001
200689_x_at	Hs.144835	<i>EEF1G</i> /// <i>LOC729998</i>	1937 /// 654007	0.759	-0.871	< 0.001	< 0.001
211345_x_at	Hs.144835	<i>EEF1G</i> /// <i>LOC729998</i>	1937 /// 654007	0.754	-0.869	< 0.001	< 0.001
211927_x_at	Hs.144835	<i>EEF1G</i> /// <i>LOC729998</i>	1937 /// 654007	0.752	-0.867	< 0.001	< 0.001
200094_s_at	Hs.515070	<i>EEF2</i>	1938	0.740	-0.860	< 0.001	< 0.001
204102_s_at	Hs.515070	<i>EEF2</i>	1938	0.633	-0.796	< 0.001	< 0.001
233305_at	Hs.560892	<i>EFCBP1</i>	64168	0.602	0.776	< 0.001	< 0.001
217992_s_at	Hs.465374	<i>EFHD2</i>	79180	0.716	0.846	< 0.001	< 0.001
218825_at	Hs.91481	<i>EGFL7</i>	51162	0.766	0.875	< 0.001	< 0.001
218935_at	Hs.368808	<i>EHD3</i>	30845	0.891	0.944	< 0.001	< 0.001
221494_x_at	Hs.314359	<i>EIF3S12</i>	27335	0.615	0.784	< 0.001	< 0.001
201530_x_at	Hs.129673	<i>EIF4A1</i>	1973	0.662	-0.814	< 0.001	< 0.001
211787_s_at	Hs.129673	<i>EIF4A1</i>	1973	0.769	-0.877	< 0.001	< 0.001
200004_at	Hs.183684	<i>EIF4G2</i>	1982	0.719	-0.848	< 0.001	< 0.001
206621_s_at	Hs.520943	<i>EIF4H</i>	7458	0.643	0.802	< 0.001	< 0.001
235289_at	Hs.164144	<i>EIF5A2</i>	56648	0.721	0.849	< 0.001	< 0.001
235296_at	Hs.164144	<i>EIF5A2</i>	56648	0.904	0.951	< 0.001	< 0.001
227612_at	Hs.1701	<i>ELAVL3</i>	1995	0.613	-0.783	< 0.001	< 0.001
204513_s_at	Hs.304578	<i>ELMO1</i>	9844	0.813	0.902	< 0.001	< 0.001
227180_at	Hs.274256	<i>ELOVL7</i>	79993	0.717	0.847	< 0.001	< 0.001
213779_at	Hs.289106	<i>EMID1</i>	129080	0.720	-0.849	< 0.001	< 0.001
223068_at	Hs.593614	<i>EML4</i>	27436	0.818	-0.904	< 0.001	< 0.001
222434_at	Hs.497893	<i>ENAH</i>	55740	0.604	-0.777	< 0.001	< 0.001
212573_at	Hs.167115	<i>ENDOD1</i>	23052	0.827	0.909	< 0.001	< 0.001
201231_s_at	Hs.517145	<i>ENO1</i>	2023	0.642	0.801	< 0.001	< 0.001
209392_at	Hs.190977	<i>ENPP2</i>	5168	0.644	0.802	< 0.001	< 0.001
210839_s_at	Hs.190977	<i>ENPP2</i>	5168	0.668	0.817	< 0.001	< 0.001
204160_s_at	Hs.643497	<i>ENPP4</i>	22875	0.721	0.849	< 0.001	< 0.001
204161_s_at	Hs.643497	<i>ENPP4</i>	22875	0.737	0.859	< 0.001	< 0.001
227803_at	Hs.35198	<i>ENPP5</i>	59084	0.688	0.830	< 0.001	< 0.001
221486_at	Hs.632456	<i>ENSA</i>	2029	0.729	0.854	< 0.001	< 0.001
206710_s_at	Hs.213394	<i>EPB41L3</i>	23136	0.724	0.851	< 0.001	< 0.001
211776_s_at	Hs.213394	<i>EPB41L3</i>	23136	0.692	0.832	< 0.001	< 0.001
212681_at	Hs.213394	<i>EPB41L3</i>	23136	0.757	0.870	< 0.001	< 0.001
223253_at	Hs.563491	<i>EPDR1</i>	54749	0.734	0.857	< 0.001	< 0.001
215664_s_at	Hs.479853	<i>EPHA5</i>	2044	0.634	-0.796	< 0.001	< 0.001
237939_at	Hs.479853	<i>EPHA5</i>	2044	0.717	-0.847	< 0.001	< 0.001
209589_s_at	Hs.523329	<i>EPHB2</i>	2048	0.692	-0.832	< 0.001	< 0.001
211165_x_at	Hs.523329	<i>EPHB2</i>	2048	0.770	-0.878	< 0.001	< 0.001
226049_at	Hs.400431	<i>ERC1</i>	23085	0.822	-0.907	< 0.001	< 0.001
202942_at	Hs.74047	<i>ETFB</i>	2109	0.685	0.827	< 0.001	< 0.001
201328_at	Hs.644231	<i>ETS2</i>	2114	0.903	0.950	< 0.001	< 0.001
201329_s_at	Hs.644231	<i>ETS2</i>	2114	0.773	0.879	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
221911_at	Hs.22634	<i>ETV1</i>	2115	0.659	-0.812	< 0.001	< 0.001
204774_at	Hs.591198	<i>EVI2A</i>	2123	0.712	0.844	< 0.001	< 0.001
217838_s_at	Hs.125867	<i>EVL</i>	51466	0.654	-0.809	< 0.001	< 0.001
226259_at	Hs.292097	<i>EXOC6</i>	54536	0.681	-0.825	< 0.001	< 0.001
1564378_a_at	Hs.492618	<i>EXT1</i>	2131	0.609	-0.780	< 0.001	< 0.001
201995_at	Hs.492618	<i>EXT1</i>	2131	0.738	-0.859	< 0.001	< 0.001
209537_at	Hs.357637	<i>EXTL2</i>	2135	0.751	0.867	< 0.001	< 0.001
203249_at	Hs.194669	<i>EZH1</i>	2145	0.659	0.812	< 0.001	< 0.001
32259_at	Hs.194669	<i>EZH1</i>	2145	0.636	0.797	< 0.001	< 0.001
203358_s_at	Hs.444082	<i>EZH2</i>	2146	0.650	-0.806	< 0.001	< 0.001
205756_s_at	Hs.632836	<i>F8</i>	2157	0.875	0.935	< 0.001	< 0.001
202345_s_at	Hs.632112	<i>FABP5</i> /// <i>LOC728641</i> /// <i>LOC729163</i> /// <i>LOC731043</i> /// <i>LOC732031</i>	2171 /// 653327	0.703	-0.839	< 0.001	< 0.001
205029_s_at	Hs.26770	<i>FABP7</i>	2173	0.764	-0.874	< 0.001	< 0.001
205030_at	Hs.26770	<i>FABP7</i>	2173	0.756	-0.869	< 0.001	< 0.001
218504_at	Hs.546387	<i>FAHD2A</i>	51011	0.723	0.850	< 0.001	< 0.001
222056_s_at	Hs.546387	<i>FAHD2A</i>	51011	0.604	0.777	< 0.001	< 0.001
203618_at	Hs.567424	<i>FAIM2</i>	23017	0.628	0.792	< 0.001	< 0.001
203619_s_at	Hs.567424	<i>FAIM2</i>	23017	0.782	0.885	< 0.001	< 0.001
212400_at	Hs.568044	<i>FAM102A</i>	399665	0.631	0.795	< 0.001	< 0.001
226568_at	Hs.200230	<i>FAM102B</i>	284611	0.730	-0.854	< 0.001	< 0.001
225395_s_at	Hs.350364	<i>FAM120AOS</i>	158293	0.608	0.779	< 0.001	< 0.001
227239_at	Hs.85603	<i>FAM126A</i>	84668	0.794	-0.891	< 0.001	< 0.001
201828_x_at	Hs.522789	<i>FAM127A</i>	8933	0.699	0.836	< 0.001	< 0.001
202972_s_at	Hs.97270	<i>FAM13A1</i>	10144	0.658	0.811	< 0.001	< 0.001
202973_x_at	Hs.97270	<i>FAM13A1</i>	10144	0.766	0.875	< 0.001	< 0.001
217047_s_at	Hs.97270	<i>FAM13A1</i>	10144	0.760	0.872	< 0.001	< 0.001
1554547_at	Hs.607594	<i>FAM13C1</i>	220965	0.786	0.887	< 0.001	< 0.001
226330_s_at	Hs.435815	<i>FAM48A</i>	55578	0.657	-0.811	< 0.001	< 0.001
227781_x_at	Hs.558560	<i>FAM57B</i>	83723	0.657	-0.811	< 0.001	< 0.001
214822_at	Hs.495918	<i>FAM5B</i>	57795	0.747	-0.864	< 0.001	< 0.001
217562_at	Hs.65765	<i>FAM5C</i>	339479	0.800	-0.895	< 0.001	< 0.001
208858_s_at	Hs.632729	<i>FAM62A</i>	23344	0.778	0.882	< 0.001	< 0.001
235125_x_at	Hs.632419	<i>FAM73A</i>	374986	0.798	0.893	< 0.001	< 0.001
243042_at	Hs.632419	<i>FAM73A</i>	374986	0.657	0.811	< 0.001	< 0.001
224871_at	Hs.20529	<i>FAM79A</i>	127262	0.703	0.839	< 0.001	< 0.001
225978_at	Hs.504670	<i>FAM80B</i>	57494	0.676	-0.822	< 0.001	< 0.001
225999_at	Hs.504670	<i>FAM80B</i>	57494	0.669	-0.818	< 0.001	< 0.001
229344_x_at	Hs.504670	<i>FAM80B</i>	57494	0.605	-0.778	< 0.001	< 0.001
218126_at	Hs.511067	<i>FAM82C</i>	55177	0.825	0.908	< 0.001	< 0.001
225864_at	Hs.124951	<i>FAM84B</i>	157638	0.660	-0.812	< 0.001	< 0.001
212333_at	Hs.468140	<i>FAM98A</i>	25940	0.773	0.879	< 0.001	< 0.001
203564_at	Hs.591084	<i>FANCG</i>	2189	0.605	-0.778	< 0.001	< 0.001
201910_at	Hs.403917	<i>FARP1</i>	10160	0.781	-0.884	< 0.001	< 0.001
201911_s_at	Hs.403917	<i>FARP1</i>	10160	0.743	-0.862	< 0.001	< 0.001
227996_at	Hs.403917	<i>FARP1</i>	10160	0.679	-0.824	< 0.001	< 0.001
235501_at	Hs.403917	<i>FARP1</i>	10160	0.624	-0.790	< 0.001	< 0.001
239246_at	Hs.403917	<i>FARP1</i>	10160	0.667	-0.817	< 0.001	< 0.001
236029_at	Hs.98523	<i>FAT3</i>	120114	0.642	-0.801	< 0.001	< 0.001
219427_at	Hs.563205	<i>FAT4</i>	79633	0.681	-0.825	< 0.001	< 0.001
225258_at	Hs.530101	<i>FBLIM1</i>	54751	0.723	-0.850	< 0.001	< 0.001
226215_s_at	Hs.524800	<i>FBXL10</i>	84678	0.667	-0.817	< 0.001	< 0.001
219305_x_at	Hs.132753	<i>FBXO2</i>	26232	0.890	0.943	< 0.001	< 0.001
226970_at	Hs.324342	<i>FBXO33</i>	254170	0.706	0.840	< 0.001	< 0.001
227521_at	Hs.324342	<i>FBXO33</i>	254170	0.699	0.836	< 0.001	< 0.001
209455_at	Hs.484138	<i>FBXW11</i>	23291	0.638	0.799	< 0.001	< 0.001
221519_at	Hs.500822	<i>FBXW4</i>	6468	0.611	0.782	< 0.001	< 0.001
233972_s_at	Hs.241523	<i>FEZF2</i>	55079	0.617	-0.785	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
204819_at	Hs.631767	<i>FGD1</i>	2245	0.736	-0.858	< 0.001	< 0.001
227271_at	Hs.380704	<i>FGF11</i>	2256	0.841	-0.917	< 0.001	< 0.001
205110_s_at	Hs.6540	<i>FGF13</i>	2258	0.759	-0.871	< 0.001	< 0.001
238453_at	Hs.591917	<i>FGFBP3</i>	143282	0.694	-0.833	< 0.001	< 0.001
223262_s_at	Hs.591162	<i>FGFR1OP2</i>	26127	0.830	0.911	< 0.001	< 0.001
223263_s_at	Hs.591162	<i>FGFR1OP2</i>	26127	0.804	0.897	< 0.001	< 0.001
233898_s_at	Hs.591162	<i>FGFR1OP2</i>	26127	0.830	0.911	< 0.001	< 0.001
202949_s_at	Hs.443687	<i>FHL2</i>	2274	0.610	0.781	< 0.001	< 0.001
1570515_a_at	Hs.526972	<i>FILIP1</i>	27145	0.611	-0.781	< 0.001	< 0.001
231945_at	Hs.526972	<i>FILIP1</i>	27145	0.684	-0.827	< 0.001	< 0.001
1554966_a_at	Hs.104672	<i>FILIP1L</i>	11259	0.612	0.782	< 0.001	< 0.001
218034_at	Hs.423968	<i>FIS1</i>	51024	0.775	0.880	< 0.001	< 0.001
203391_at	Hs.227729	<i>FKBP2</i>	2286	0.830	0.911	< 0.001	< 0.001
218974_at	Hs.445244	<i>FLJ10159</i>	55084	0.781	-0.884	< 0.001	< 0.001
219871_at	Hs.29725	<i>FLJ13197</i> /// <i>LOC727852</i> /// <i>LOC731366</i>	79667	0.691	-0.831	< 0.001	< 0.001
45526_g_at	Hs.513296	<i>FLJ14154</i>	79903	0.644	-0.803	< 0.001	< 0.001
225325_at	Hs.418581	<i>FLJ20160</i>	54842	0.811	0.901	< 0.001	< 0.001
219141_s_at	—	<i>FLJ20294</i>	55626	0.682	-0.826	< 0.001	< 0.001
52731_at	—	<i>FLJ20294</i>	55626	0.792	-0.890	< 0.001	< 0.001
218692_at	Hs.390738	<i>FLJ20366</i>	55638	0.746	-0.864	< 0.001	< 0.001
218417_s_at	Hs.438867	<i>FLJ20489</i>	55652	0.631	0.794	< 0.001	< 0.001
48106_at	Hs.438867	<i>FLJ20489</i>	55652	0.641	0.800	< 0.001	< 0.001
226820_at	Hs.524248	<i>FLJ25476</i>	149076	0.682	-0.826	< 0.001	< 0.001
227168_at	Hs.517502	<i>FLJ25967</i>	440823	0.748	-0.865	< 0.001	< 0.001
237322_at	Hs.517502	<i>FLJ25967</i>	150271	0.674	-0.821	< 0.001	< 0.001
1552388_at	—	<i>FLJ30901</i>	150378	0.608	-0.779	< 0.001	< 0.001
230882_at	Hs.34969	<i>FLJ34048</i>	285987	0.648	-0.805	< 0.001	< 0.001
219731_at	Hs.538374	<i>FLJ34077</i>	404033	0.710	-0.843	< 0.001	< 0.001
212547_at	Hs.592770	<i>FLJ35348</i>	266655	0.692	-0.832	< 0.001	< 0.001
1556641_at	Hs.647921	<i>FLJ37228</i>	285264	0.750	0.866	< 0.001	< 0.001
1556474_a_at	Hs.651260	<i>FLJ38379</i>	285097	0.624	-0.790	< 0.001	< 0.001
227717_at	Hs.256206	<i>FLJ41603</i>	389337	0.627	0.792	< 0.001	< 0.001
229656_s_at	Hs.429581	<i>FLJ42562</i>	400954	0.664	0.815	< 0.001	< 0.001
229014_at	Hs.457407	<i>FLJ42709</i>	441094	0.602	-0.776	< 0.001	< 0.001
236902_at	Hs.445241	<i>FLJ43390</i>	646113	0.895	-0.946	< 0.001	< 0.001
228702_at	Hs.150556	<i>FLJ43663</i>	378805 /// 641825 /// 647017	0.921	0.960	< 0.001	< 0.001
238619_at	Hs.150556	<i>FLJ43663</i>	378805	0.699	0.836	< 0.001	< 0.001
208749_x_at	Hs.179986	<i>FLOT1</i>	10211	0.627	0.792	< 0.001	< 0.001
210142_x_at	Hs.179986	<i>FLOT1</i>	10211	0.678	0.824	< 0.001	< 0.001
215017_s_at	Hs.134060	<i>FNBP1L</i>	54874	0.896	-0.946	< 0.001	< 0.001
242310_at	Hs.134060	<i>FNBP1L</i>	54874	0.773	-0.879	< 0.001	< 0.001
206018_at	Hs.632336	<i>FOXG1B</i>	2290	0.647	-0.804	< 0.001	< 0.001
203734_at	Hs.120844	<i>FOXJ2</i>	55810	0.641	-0.800	< 0.001	< 0.001
224837_at	Hs.431498	<i>FOXP1</i>	27086	0.609	-0.780	< 0.001	< 0.001
224838_at	Hs.431498	<i>FOXP1</i>	27086	0.633	-0.796	< 0.001	< 0.001
229893_at	Hs.127535	<i>FRMD3</i>	257019	0.748	-0.865	< 0.001	< 0.001
230645_at	Hs.127535	<i>FRMD3</i>	257019	0.647	-0.805	< 0.001	< 0.001
208476_s_at	Hs.330463	<i>FRMD4A</i>	55691	0.782	-0.884	< 0.001	< 0.001
225163_at	Hs.330463	<i>FRMD4A</i>	55691	0.751	-0.867	< 0.001	< 0.001
225167_at	Hs.330463	<i>FRMD4A</i>	55691	0.734	-0.857	< 0.001	< 0.001
204072_s_at	Hs.591225	<i>FRY</i>	10129	0.603	-0.776	< 0.001	< 0.001
232010_at	Hs.591707	<i>FSTL5</i>	56884	0.808	-0.899	< 0.001	< 0.001
209702_at	Hs.528833	<i>FTO</i>	79068	0.667	0.817	< 0.001	< 0.001
235346_at	Hs.7549	<i>FUNDC1</i>	139341	0.714	0.845	< 0.001	< 0.001
222481_at	Hs.54943	<i>FXC1</i>	26515	0.696	0.834	< 0.001	< 0.001
203172_at	Hs.52788	<i>FXR2</i>	9513	0.735	0.857	< 0.001	< 0.001
35265_at	Hs.52788	<i>FXR2</i>	9513	0.767	0.876	< 0.001	< 0.001
200645_at	Hs.647421	<i>GABARAP</i>	11337	0.635	0.797	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
208869_s_at	Hs.524250	<i>GABARAPL1</i>	23710	0.655	0.809	< 0.001	< 0.001
211458_s_at	Hs.524250	<i>GABARAPL1</i> /// <i>GABARAPL3</i>	23710 /// 23766	0.659	0.812	< 0.001	< 0.001
206678_at	Hs.175934	<i>GABRA1</i>	2554	0.631	0.795	< 0.001	< 0.001
244118_at	Hs.175934	<i>GABRA1</i>	2554	0.602	0.776	< 0.001	< 0.001
206456_at	Hs.612087	<i>GABRA5</i>	2558	0.612	-0.782	< 0.001	< 0.001
1568612_at	Hs.7195	<i>GABRG2</i>	2566	0.866	0.931	< 0.001	< 0.001
206849_at	Hs.7195	<i>GABRG2</i>	2566	0.603	0.776	< 0.001	< 0.001
213123_at	Hs.432818	<i>GALNT10</i>	55568	0.612	-0.782	< 0.001	< 0.001
233150_at	Hs.647077	<i>GALNTL5</i>	168391	0.702	0.838	< 0.001	< 0.001
217398_x_at	Hs.544577	<i>GAPDH</i>	2597	0.626	0.791	< 0.001	< 0.001
AFFX-HUMGAPDH/M33197_3_at	Hs.479728	<i>GAPDH</i>	2597	0.640	0.800	< 0.001	< 0.001
203765_at	Hs.377894	<i>GCA</i>	25801	0.806	0.898	< 0.001	< 0.001
202832_at	Hs.651251	<i>GCC2</i>	9648	0.783	0.885	< 0.001	< 0.001
206159_at	Hs.2171	<i>GDF10</i>	2662	0.677	-0.823	< 0.001	< 0.001
225153_at	Hs.518355	<i>GFM1</i>	85476	0.683	0.827	< 0.001	< 0.001
219821_s_at	Hs.484686	<i>GFOD1</i>	54438	0.724	0.851	< 0.001	< 0.001
228776_at	Hs.596755	<i>GJA7</i>	10052	0.800	-0.894	< 0.001	< 0.001
204836_at	Hs.584238	<i>GLDC</i>	2731	0.759	-0.871	< 0.001	< 0.001
230360_at	Hs.526441	<i>GLDN</i>	342035	0.636	0.797	< 0.001	< 0.001
214085_x_at	Hs.205558	<i>GLIPR1</i>	11010	0.714	0.845	< 0.001	< 0.001
226136_at	Hs.205558	<i>GLIPR1</i>	—	0.737	0.859	< 0.001	< 0.001
244680_at	Hs.32973	<i>GLRB</i>	2743	0.699	0.836	< 0.001	< 0.001
206662_at	Hs.28988	<i>GLRX</i>	2745	0.644	0.802	< 0.001	< 0.001
209276_s_at	Hs.28988	<i>GLRX</i>	2745	0.642	0.801	< 0.001	< 0.001
219933_at	Hs.458283	<i>GLRX2</i>	51022	0.808	0.899	< 0.001	< 0.001
203157_s_at	Hs.116448	<i>GLS</i>	2744	0.629	0.793	< 0.001	< 0.001
203159_at	Hs.116448	<i>GLS</i>	2744	0.741	0.861	< 0.001	< 0.001
205531_s_at	Hs.212606	<i>GLS2</i>	27165	0.697	0.835	< 0.001	< 0.001
218146_at	Hs.297304	<i>GLT8D1</i>	55830	0.744	-0.863	< 0.001	< 0.001
221447_s_at	Hs.631650	<i>GLT8D2</i>	83468	0.756	-0.870	< 0.001	< 0.001
227070_at	Hs.631650	<i>GLT8D2</i>	83468	0.789	-0.888	< 0.001	< 0.001
55872_at	Hs.551552	<i>GM632</i>	57473	0.730	-0.854	< 0.001	< 0.001
217990_at	Hs.368855	<i>GMPR2</i>	51292	0.635	0.797	< 0.001	< 0.001
204762_s_at	Hs.241431	<i>GNAO1</i>	2775	0.653	-0.808	< 0.001	< 0.001
204763_s_at	Hs.241431	<i>GNAO1</i>	2775	0.765	-0.875	< 0.001	< 0.001
202615_at	Hs.269782	<i>GNAQ</i>	2776	0.744	-0.863	< 0.001	< 0.001
224862_at	Hs.269782	<i>GNAQ</i>	2776	0.761	-0.872	< 0.001	< 0.001
204993_at	Hs.584760	<i>GNAZ</i>	2781	0.859	-0.927	< 0.001	< 0.001
200852_x_at	Hs.185172	<i>GNB2</i>	2783	0.646	-0.803	< 0.001	< 0.001
200651_at	Hs.5662	<i>GNB2L1</i>	10399	0.696	-0.834	< 0.001	< 0.001
223487_x_at	Hs.270543	<i>GNB4</i>	59345	0.730	-0.855	< 0.001	< 0.001
220806_x_at	Hs.247888	<i>GNG13</i>	51764	0.643	0.802	< 0.001	< 0.001
224964_s_at	Hs.187772	<i>GNG2</i>	54331	0.748	-0.865	< 0.001	< 0.001
1555765_a_at	Hs.591531	<i>GNG4</i>	2786	0.767	-0.876	< 0.001	< 0.001
205184_at	Hs.591531	<i>GNG4</i>	2786	0.723	-0.850	< 0.001	< 0.001
202382_s_at	Hs.633853	<i>GNPDA1</i>	10007	0.708	0.842	< 0.001	< 0.001
212959_s_at	Hs.46850	<i>GNPTAB</i>	79158	0.857	-0.926	< 0.001	< 0.001
218361_at	Hs.203699	<i>GOLPH3L</i>	55204	0.780	0.883	< 0.001	< 0.001
200708_at	Hs.599470	<i>GOT2</i>	2806	0.805	0.897	< 0.001	< 0.001
206655_s_at	Hs.283743	<i>GP1BB</i> /// <i>SEPT5</i>	2812 /// 5413	0.827	-0.909	< 0.001	< 0.001
209768_s_at	Hs.283743	<i>GP1BB</i> /// <i>SEPT5</i>	2812 /// 5413	0.649	-0.806	< 0.001	< 0.001
224632_at	Hs.193832	<i>GPATCH4</i>	54865	0.682	0.826	< 0.001	< 0.001
224634_at	Hs.193832	<i>GPATCH4</i>	54865	0.759	0.871	< 0.001	< 0.001
222452_s_at	Hs.238432	<i>GPBP1L1</i>	60313	0.632	0.795	< 0.001	< 0.001
225447_at	Hs.512382	<i>GPD2</i>	2820	0.631	-0.794	< 0.001	< 0.001
208308_s_at	Hs.466471	<i>GPI</i>	2821	0.729	0.854	< 0.001	< 0.001
209469_at	Hs.75819	<i>GPM6A</i>	2823	0.611	-0.781	< 0.001	< 0.001
236024_at	Hs.75819	<i>GPM6A</i>	2823	0.878	-0.937	< 0.001	< 0.001
221902_at	Hs.531581	<i>GPR153</i>	387509	0.637	-0.798	< 0.001	< 0.001
64942_at	Hs.531581	<i>GPR153</i>	387509	0.744	-0.863	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
231166_at	Hs.516604	<i>GPR155</i>	151556	0.633	0.796	< 0.001	< 0.001
214104_at	Hs.632453	<i>GPR161</i>	23432	0.807	-0.898	< 0.001	< 0.001
230369_at	Hs.271809	<i>GPR161</i>	23432	0.800	-0.894	< 0.001	< 0.001
232350_x_at	Hs.271809	<i>GPR161</i>	23432	0.655	-0.809	< 0.001	< 0.001
235961_at	Hs.632453	<i>GPR161</i>	23432	0.627	-0.792	< 0.001	< 0.001
222155_s_at	Hs.6459	<i>GPR172A</i>	79581	0.617	-0.785	< 0.001	< 0.001
206002_at	Hs.146978	<i>GPR64</i>	10149	0.731	-0.855	< 0.001	< 0.001
220313_at	Hs.170053	<i>GPR88</i>	54112	0.741	-0.861	< 0.001	< 0.001
228027_at	Hs.522729	<i>GPRASP2</i>	114928	0.633	0.795	< 0.001	< 0.001
227975_at	Hs.150549	<i>GPRIN1</i>	114787	0.811	-0.901	< 0.001	< 0.001
226043_at	Hs.239370	<i>GPSM1</i>	26086	0.774	-0.880	< 0.001	< 0.001
208336_s_at	Hs.515642	<i>GPSN2</i>	9524	0.801	0.895	< 0.001	< 0.001
201348_at	Hs.386793	<i>GPX3</i>	2878	0.662	0.814	< 0.001	< 0.001
214091_s_at	Hs.386793	<i>GPX3</i>	2878	0.613	0.783	< 0.001	< 0.001
224807_at	Hs.515351	<i>GRAMD1A</i>	57655	0.756	-0.870	< 0.001	< 0.001
205862_at	Hs.467733	<i>GREB1</i>	9687	0.648	0.805	< 0.001	< 0.001
220794_at	Hs.98206	<i>GREM2</i>	64388	0.740	-0.860	< 0.001	< 0.001
235504_at	Hs.98206	<i>GREM2</i>	64388	0.607	-0.779	< 0.001	< 0.001
240509_s_at	Hs.98206	<i>GREM2</i>	64388	0.621	-0.788	< 0.001	< 0.001
215634_at	Hs.519693	<i>GRIA1</i>	2890	0.753	-0.868	< 0.001	< 0.001
209793_at	Hs.519693	<i>GRIA1 /// RGS12</i>	2890	0.748	-0.865	< 0.001	< 0.001
214611_at	Hs.473554	<i>GRIK1</i>	2897	0.603	-0.776	< 0.001	< 0.001
213845_at	Hs.98262	<i>GRIK2</i>	2898	0.686	-0.828	< 0.001	< 0.001
229883_at	Hs.445015	<i>GRIN2D</i>	2906	0.651	-0.807	< 0.001	< 0.001
233220_at	Hs.151167	<i>GRIN3A</i>	116443	0.878	-0.937	< 0.001	< 0.001
235957_at	Hs.594436	<i>GRIP1</i>	23426	0.708	-0.841	< 0.001	< 0.001
229394_s_at	Hs.509447	<i>GRLF1</i>	2909	0.654	-0.809	< 0.001	< 0.001
214217_at	Hs.147361	<i>GRM5</i>	2915	0.734	-0.857	< 0.001	< 0.001
207548_at	Hs.570608	<i>GRM7</i>	2917	0.837	-0.915	< 0.001	< 0.001
206326_at	Hs.153444	<i>GRP</i>	2922	0.751	-0.867	< 0.001	< 0.001
200696_s_at	Hs.522373	<i>GSN</i>	2934	0.607	0.779	< 0.001	< 0.001
1557915_s_at	Hs.190028	<i>GSTO1</i>	9446	0.687	0.829	< 0.001	< 0.001
201470_at	Hs.190028	<i>GSTO1</i>	9446	0.778	0.882	< 0.001	< 0.001
221942_s_at	Hs.24258	<i>GUCY1A3</i>	2982	0.623	-0.789	< 0.001	< 0.001
204235_s_at	Hs.470887	<i>GULP1</i>	51454	0.703	-0.838	< 0.001	< 0.001
204237_at	Hs.470887	<i>GULP1</i>	51454	0.693	-0.833	< 0.001	< 0.001
223572_at	Hs.476041	<i>GUP1</i>	57467	0.831	0.911	< 0.001	< 0.001
201554_x_at	Hs.477892	<i>GYG1</i>	2992	0.816	0.903	< 0.001	< 0.001
211275_s_at	Hs.477892	<i>GYG1</i>	2992	0.757	0.870	< 0.001	< 0.001
212206_s_at	Hs.488189	<i>H2AFV</i>	94239	0.609	0.780	< 0.001	< 0.001
209818_s_at	Hs.494567	<i>HABP4</i>	22927	0.887	0.942	< 0.001	< 0.001
232341_x_at	Hs.494567	<i>HABP4</i>	22927	0.889	0.943	< 0.001	< 0.001
233919_s_at	Hs.494567	<i>HABP4</i>	22927	0.860	0.927	< 0.001	< 0.001
205012_s_at	Hs.157394	<i>HAGH</i>	3029	0.664	0.815	< 0.001	< 0.001
205523_at	Hs.591758	<i>HAPLN1</i>	1404	0.923	-0.961	< 0.001	< 0.001
205524_s_at	Hs.591758	<i>HAPLN1</i>	1404	0.860	-0.927	< 0.001	< 0.001
235420_at	Hs.367829	<i>HAPLN4</i>	404037	0.754	0.868	< 0.001	< 0.001
201145_at	Hs.199625	<i>HAX1</i>	10456	0.760	0.872	< 0.001	< 0.001
202299_s_at	Hs.439815	<i>HBXIP</i>	10542	0.742	0.861	< 0.001	< 0.001
202300_at	Hs.439815	<i>HBXIP</i>	10542	0.705	0.840	< 0.001	< 0.001
1556351_at	Hs.353176	<i>HCN1</i>	348980	0.609	0.780	< 0.001	< 0.001
227679_at	Hs.404802	<i>HDAC11</i>	79885	0.725	0.851	< 0.001	< 0.001
201833_at	Hs.3352	<i>HDAC2</i>	3066	0.754	-0.868	< 0.001	< 0.001
227008_at	Hs.349979	<i>HDDC3</i>	374659	0.799	0.894	< 0.001	< 0.001
209524_at	Hs.513954	<i>HDGFRP3</i>	50810	0.654	-0.808	< 0.001	< 0.001
223155_at	Hs.465041	<i>HDHD2</i>	84064	0.694	0.833	< 0.001	< 0.001
227568_at	Hs.535293	<i>HECTD2</i>	143279	0.730	-0.855	< 0.001	< 0.001
227347_x_at	Hs.154029	<i>HES4</i>	57801	0.621	-0.788	< 0.001	< 0.001
201944_at	Hs.69293	<i>HEXB</i>	3074	0.744	0.863	< 0.001	< 0.001
202814_s_at	Hs.15299	<i>HEXIM1</i>	10614	0.640	0.800	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
227564_at	Hs.600384	HGSNAT	138050 /// 643642	0.705	-0.840	< 0.001	< 0.001
224812_at	Hs.406758	HIBADH	11112	0.708	0.841	< 0.001	< 0.001
217845_x_at	Hs.7917	HIGD1A	25994	0.833	0.913	< 0.001	< 0.001
221896_s_at	Hs.7917	HIGD1A	25994	0.869	0.932	< 0.001	< 0.001
217427_s_at	Hs.474206	HIRA	7290	0.637	-0.798	< 0.001	< 0.001
221582_at	Hs.26331	HIST3H2A	92815	0.713	-0.844	< 0.001	< 0.001
212641_at	Hs.510172	HIVEP2	3097	0.690	-0.831	< 0.001	< 0.001
212642_s_at	Hs.510172	HIVEP2	3097	0.797	-0.893	< 0.001	< 0.001
220042_x_at	Hs.591503	HIVEP3	59269	0.618	-0.786	< 0.001	< 0.001
211990_at	Hs.347270	HLA-DPA1	3113	0.635	0.797	< 0.001	< 0.001
204753_s_at	Hs.196952	HLF	3131	0.658	0.811	< 0.001	< 0.001
204754_at	Hs.196952	HLF	3131	0.671	0.819	< 0.001	< 0.001
200679_x_at	Hs.434102	HMGB1	3146	0.697	-0.835	< 0.001	< 0.001
200680_x_at	Hs.644368	HMGB1	3146	0.696	-0.834	< 0.001	< 0.001
214938_x_at	Hs.434102	HMGB1	3146	0.713	-0.845	< 0.001	< 0.001
224731_at	Hs.434102	HMGB1	3146	0.802	-0.895	< 0.001	< 0.001
216508_x_at	Hs.568249	HMGB1 /// HMG1L1 /// LOC645292 /// LOC731809	10357 /// 3146 /// 644380	0.666	-0.816	< 0.001	< 0.001
203744_at	Hs.19114	HMGB3	3149	0.823	-0.907	< 0.001	< 0.001
200943_at	Hs.356285	HMG1	3150	0.688	-0.829	< 0.001	< 0.001
200944_s_at	Hs.356285	HMG1	3150	0.767	-0.876	< 0.001	< 0.001
218623_at	Hs.559412	HMP19	51617	0.701	-0.837	< 0.001	< 0.001
217755_at	Hs.532803	HN1	51155	0.790	-0.889	< 0.001	< 0.001
222396_at	Hs.532803	HN1	51155	0.858	-0.926	< 0.001	< 0.001
201277_s_at	Hs.591731	HNRPAB	3182	0.716	-0.846	< 0.001	< 0.001
225405_at	Hs.406377	HNRPUL2	221092	0.793	0.891	< 0.001	< 0.001
227566_at	Hs.504352	HNT	50863	0.633	-0.795	< 0.001	< 0.001
1556097_at	Hs.459142	HOMER2	9455	0.608	-0.780	< 0.001	< 0.001
209721_s_at	Hs.15243	HOM- <i>TES-103</i>	25900	0.650	0.806	< 0.001	< 0.001
36030_at	Hs.15243	HOM- <i>TES-103</i>	25900	0.766	0.875	< 0.001	< 0.001
211597_s_at	Hs.121443	HOP	84525	0.681	0.825	< 0.001	< 0.001
202854_at	Hs.412707	HPRT1	3251	0.678	0.823	< 0.001	< 0.001
209581_at	Hs.502775	HRASLS3	11145	0.708	0.842	< 0.001	< 0.001
1552767_a_at	Hs.385956	HS6ST2	90161	0.663	-0.814	< 0.001	< 0.001
200941_at	Hs.250899	HSBP1	3281	0.829	-0.910	< 0.001	< 0.001
221771_s_at	Hs.269654	HSMPP8	54737	0.657	0.811	< 0.001	< 0.001
211538_s_at	Hs.432648	HSPA2	3306	0.637	0.798	< 0.001	< 0.001
221667_s_at	Hs.400095	HSPB8	26353	0.821	0.906	< 0.001	< 0.001
202415_s_at	Hs.53066	HSPBP1	23640	0.744	-0.863	< 0.001	< 0.001
217774_s_at	Hs.333579	HSPC152	51504	0.684	0.827	< 0.001	< 0.001
226188_at	Hs.372208	HSPC159	29094	0.831	-0.912	< 0.001	< 0.001
210253_at	Hs.90753	HTATIP2	10553	0.625	0.791	< 0.001	< 0.001
207135_at	Hs.72630	HTR2A	3356	0.651	0.807	< 0.001	< 0.001
200825_s_at	Hs.277704	HYOU1	10525	0.690	0.830	< 0.001	< 0.001
230454_at	Hs.554880	ICA1L	130026	0.621	-0.788	< 0.001	< 0.001
204868_at	Hs.407955	ICT1	3396	0.618	0.786	< 0.001	< 0.001
236132_at	Hs.500546	IDE	—	0.606	-0.778	< 0.001	< 0.001
1555037_a_at	Hs.593422	IDH1	3417	0.785	-0.886	< 0.001	< 0.001
201193_at	Hs.593422	IDH1	3417	0.756	-0.870	< 0.001	< 0.001
201509_at	Hs.436405	IDH3B	3420	0.704	0.839	< 0.001	< 0.001
218709_s_at	Hs.444332	IFT52	51098	0.680	-0.825	< 0.001	< 0.001
209540_at	Hs.160562	IGF1	3479	0.751	-0.867	< 0.001	< 0.001
209541_at	Hs.160562	IGF1	3479	0.747	-0.864	< 0.001	< 0.001
209542_x_at	Hs.160562	IGF1	3479	0.601	-0.776	< 0.001	< 0.001
218847_at	Hs.35354	IGF2BP2	10644	0.769	-0.877	< 0.001	< 0.001
203819_s_at	Hs.648088	IGF2BP3	10643	0.610	-0.781	< 0.001	< 0.001
211959_at	Hs.635441	IGFBP5	3488	0.609	-0.781	< 0.001	< 0.001
203851_at	Hs.274313	IGFBP6	3489	0.755	0.869	< 0.001	< 0.001
227760_at	Hs.349705	IGFBPL1	347252	0.829	-0.911	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
227154_at	Hs.212511	<i>IGSF21</i>	84966	0.748	-0.865	< 0.001	< 0.001
202421_at	Hs.171057	<i>IGSF3</i>	3321	0.684	-0.827	< 0.001	< 0.001
209929_s_at	Hs.43505	<i>IKBK3</i>	8517	0.649	0.806	< 0.001	< 0.001
227997_at	Hs.150725	<i>IL17RD</i>	54756	0.726	-0.852	< 0.001	< 0.001
203006_at	Hs.651280	<i>INPP5A</i>	3632	0.651	0.807	< 0.001	< 0.001
234304_s_at	Hs.482269	<i>IPO11</i>	51194	0.602	0.776	< 0.001	< 0.001
213447_at	—	<i>IPW</i>	3653	0.602	0.776	< 0.001	< 0.001
203906_at	Hs.475506	<i>IQSEC1</i>	9922	0.761	0.872	< 0.001	< 0.001
203907_s_at	Hs.475506	<i>IQSEC1</i>	9922	0.710	0.842	< 0.001	< 0.001
202621_at	Hs.75254	<i>IRF3</i>	3661	0.646	0.804	< 0.001	< 0.001
209185_s_at	Hs.442344	<i>IRS2</i>	8660	0.764	0.874	< 0.001	< 0.001
209075_s_at	Hs.615131	<i>ISCU</i>	23479	0.935	0.967	< 0.001	< 0.001
232208_at	Hs.254775	<i>ISLR2</i>	57611	0.656	-0.810	< 0.001	< 0.001
222240_s_at	Hs.405873	<i>ISYNA1</i>	51477	0.637	-0.798	< 0.001	< 0.001
203710_at	Hs.567295	<i>ITPR1</i>	3708	0.829	0.910	< 0.001	< 0.001
211323_s_at	Hs.567295	<i>ITPR1</i>	3708	0.811	0.900	< 0.001	< 0.001
216944_s_at	Hs.567295	<i>ITPR1</i>	3708	0.813	0.902	< 0.001	< 0.001
201362_at	Hs.497183	<i>IVNS1ABP</i>	10625	0.711	-0.843	< 0.001	< 0.001
201363_s_at	Hs.497183	<i>IVNS1ABP</i>	10625	0.648	-0.805	< 0.001	< 0.001
225798_at	Hs.368944	<i>JAZF1</i>	221895	0.727	-0.852	< 0.001	< 0.001
212689_s_at	Hs.557425	<i>JMJD1A</i>	55818	0.625	0.791	< 0.001	< 0.001
212492_s_at	Hs.371013	<i>JMJD2B</i>	23030	0.669	-0.818	< 0.001	< 0.001
212496_s_at	Hs.371013	<i>JMJD2B</i>	23030	0.774	-0.880	< 0.001	< 0.001
227582_at	Hs.507290	<i>KARCA1</i>	126823	0.796	0.892	< 0.001	< 0.001
204301_at	Hs.5333	<i>KBTBD11</i>	9920	0.617	0.786	< 0.001	< 0.001
226479_at	Hs.534040	<i>KBTBD6</i>	89890	0.667	-0.817	< 0.001	< 0.001
222471_s_at	Hs.345694	<i>KCMF1</i>	56888	0.606	0.778	< 0.001	< 0.001
239118_at	Hs.248139	<i>KCNA2</i>	3737	0.836	0.915	< 0.001	< 0.001
203402_at	Hs.440497	<i>KCNAB2</i>	8514	0.945	0.972	< 0.001	< 0.001
208477_at	Hs.303870	<i>KCNC1</i>	3746	0.646	0.804	< 0.001	< 0.001
207103_at	Hs.21703	<i>KCND2</i>	3751	0.631	-0.794	< 0.001	< 0.001
214595_at	Hs.118695	<i>KCNG1</i>	3755	0.822	-0.907	< 0.001	< 0.001
215448_at	Hs.470445	<i>KCNH7</i>	90134	0.635	-0.797	< 0.001	< 0.001
236783_at	Hs.543693	<i>KCNIP4</i>	80333	0.625	0.791	< 0.001	< 0.001
204678_s_at	Hs.208544	<i>KCNK1</i>	3775	0.763	0.873	< 0.001	< 0.001
204679_at	Hs.208544	<i>KCNK1</i>	3775	0.748	0.865	< 0.001	< 0.001
207366_at	Hs.117780	<i>KCNS1</i>	3787	0.725	0.851	< 0.001	< 0.001
244455_at	Hs.420016	<i>KCNT2</i>	343450	0.904	-0.951	< 0.001	< 0.001
226245_at	Hs.526630	<i>KCTD1</i>	284252	0.845	0.919	< 0.001	< 0.001
226246_at	Hs.526630	<i>KCTD1</i>	284252	0.830	0.911	< 0.001	< 0.001
212188_at	Hs.644125	<i>KCTD12</i>	115207	0.642	-0.801	< 0.001	< 0.001
212192_at	Hs.644125	<i>KCTD12</i>	115207	0.745	-0.863	< 0.001	< 0.001
218823_s_at	Hs.72071	<i>KCTD9</i>	54793	0.757	0.870	< 0.001	< 0.001
212149_at	Hs.204564	<i>KIAA0143</i>	23167	0.861	0.928	< 0.001	< 0.001
212150_at	Hs.204564	<i>KIAA0143</i>	23167	0.611	0.781	< 0.001	< 0.001
209256_s_at	Hs.520710	<i>KIAA0265</i>	23008	0.612	-0.782	< 0.001	< 0.001
210111_s_at	Hs.520710	<i>KIAA0265</i>	23008	0.610	-0.781	< 0.001	< 0.001
212805_at	Hs.262857	<i>KIAA0367</i>	23273	0.925	0.962	< 0.001	< 0.001
213304_at	Hs.371078	<i>KIAA0423</i>	23116	0.712	0.844	< 0.001	< 0.001
202386_s_at	Hs.173524	<i>KIAA0430</i>	9665	0.885	0.941	< 0.001	< 0.001
213839_at	Hs.593760	<i>KIAA0500</i>	57237	0.631	0.794	< 0.001	< 0.001
204546_at	Hs.301658	<i>KIAA0513</i>	9764	0.805	0.897	< 0.001	< 0.001
213997_at	—	<i>KIAA0574</i>	23359	0.634	-0.796	< 0.001	< 0.001
203955_at	Hs.533260	<i>KIAA0649</i>	9858	0.713	-0.844	< 0.001	< 0.001
209021_x_at	—	<i>KIAA0652</i>	9776	0.616	0.785	< 0.001	< 0.001
201685_s_at	Hs.555910	<i>KIAA0737</i>	9878	0.690	0.831	< 0.001	< 0.001
212311_at	Hs.479384	<i>KIAA0746</i>	23231	0.680	-0.825	< 0.001	< 0.001
212314_at	Hs.479384	<i>KIAA0746</i>	23231	0.827	-0.909	< 0.001	< 0.001
219724_s_at	Hs.33187	<i>KIAA0748</i>	9840	0.886	0.941	< 0.001	< 0.001
222920_s_at	Hs.33187	<i>KIAA0748</i>	9840	0.805	0.897	< 0.001	< 0.001



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**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
213424_at	Hs.6224	<i>KIAA0895</i>	23366	0.631	-0.794	< 0.001	< 0.001
221868_at	Hs.416735	<i>KIAA1155</i>	400961	0.683	0.827	< 0.001	< 0.001
232003_at	Hs.7193	<i>KIAA1183</i>	57469	0.660	0.812	< 0.001	< 0.001
231911_at	Hs.443894	<i>KIAA1189</i>	57471	0.710	0.842	< 0.001	< 0.001
227230_s_at	Hs.570775	<i>KIAA1211</i>	57482	0.853	-0.924	< 0.001	< 0.001
227231_at	Hs.570775	<i>KIAA1211</i>	57482	0.817	-0.904	< 0.001	< 0.001
225045_at	Hs.292925	<i>KIAA1212</i>	55704	0.776	-0.881	< 0.001	< 0.001
230765_at	Hs.4280	<i>KIAA1239</i>	57495	0.734	-0.857	< 0.001	< 0.001
242959_at	Hs.4280	<i>KIAA1239</i>	57495	0.787	-0.887	< 0.001	< 0.001
233823_at	—	<i>KIAA1276</i>	27146	0.829	-0.910	< 0.001	< 0.001
212453_at	Hs.279580	<i>KIAA1279</i>	26128	0.697	0.835	< 0.001	< 0.001
228984_at	Hs.502982	<i>KIAA1394</i>	57571	0.607	0.779	< 0.001	< 0.001
223497_at	Hs.211700	<i>KIAA1411</i>	57579	0.794	-0.891	< 0.001	< 0.001
226254_s_at	Hs.535734	<i>KIAA1430</i>	57587	0.622	-0.789	< 0.001	< 0.001
1568617_a_at	Hs.17686	<i>KIAA1543</i>	57662	0.705	-0.840	< 0.001	< 0.001
220940_at	Hs.532921	<i>KIAA1641</i>	57730	0.656	-0.810	< 0.001	< 0.001
233536_at	Hs.464876	<i>KIAA1713</i>	80816	0.809	-0.899	< 0.001	< 0.001
218503_at	Hs.408652	<i>KIAA1797</i>	54914	0.666	0.816	< 0.001	< 0.001
226691_at	Hs.556754	<i>KIAA1856</i>	84629	0.768	-0.876	< 0.001	< 0.001
225913_at	Hs.9587	<i>KIAA2002</i>	79834	0.616	0.785	< 0.001	< 0.001
212162_at	Hs.9873	<i>KIDINS220</i>	57498	0.844	-0.919	< 0.001	< 0.001
212163_at	Hs.9873	<i>KIDINS220</i>	57498	0.867	-0.931	< 0.001	< 0.001
204411_at	Hs.169182	<i>KIF21B</i>	23046	0.929	-0.964	< 0.001	< 0.001
203943_at	Hs.369670	<i>KIF3B</i>	9371	0.878	-0.937	< 0.001	< 0.001
225205_at	Hs.369670	<i>KIF3B</i>	9371	0.807	-0.899	< 0.001	< 0.001
1555832_s_at	Hs.4055	<i>KLF6</i>	1316	0.767	-0.876	< 0.001	< 0.001
208961_s_at	Hs.4055	<i>KLF6</i>	1316	0.690	-0.831	< 0.001	< 0.001
224606_at	Hs.4055	<i>KLF6</i>	1316	0.747	-0.864	< 0.001	< 0.001
204334_at	Hs.471221	<i>KLF7</i>	8609	0.888	-0.942	< 0.001	< 0.001
1552733_at	Hs.509258	<i>KLHDC1</i>	122773	0.628	0.792	< 0.001	< 0.001
223810_at	Hs.508201	<i>KLHL1</i>	57626	0.845	-0.919	< 0.001	< 0.001
227875_at	Hs.348262	<i>KLHL13</i>	90293	0.738	-0.859	< 0.001	< 0.001
203068_at	Hs.7764	<i>KLHL21</i>	9903	0.661	0.813	< 0.001	< 0.001
213610_s_at	Hs.445603	<i>KLHL23</i>	151230	0.846	-0.920	< 0.001	< 0.001
219354_at	Hs.250632	<i>KLHL26</i>	55295	0.621	0.788	< 0.001	< 0.001
226874_at	Hs.106601	<i>KLHL8</i>	57563	0.753	-0.868	< 0.001	< 0.001
242648_at	Hs.106601	<i>KLHL8</i>	57563	0.801	-0.895	< 0.001	< 0.001
239381_at	Hs.151254	<i>KLK7</i>	5650	0.644	0.803	< 0.001	< 0.001
230359_at	Hs.530685	<i>KNDC1</i>	85442	0.673	0.820	< 0.001	< 0.001
221502_at	Hs.527919	<i>KPNA3</i>	3839	0.622	-0.789	< 0.001	< 0.001
216713_at	Hs.531987	<i>KRIT1</i>	889	0.616	0.785	< 0.001	< 0.001
34031_i_at	Hs.531987	<i>KRIT1</i>	889	0.637	0.798	< 0.001	< 0.001
243998_at	Hs.6920	<i>KRT22P</i>	125113	0.772	0.879	< 0.001	< 0.001
244111_at	Hs.6920	<i>KRT22P</i>	125113	0.708	0.841	< 0.001	< 0.001
235252_at	Hs.133534	<i>KSR1</i>	8844	0.677	-0.823	< 0.001	< 0.001
204584_at	Hs.522818	<i>L1CAM</i>	3897	0.664	-0.815	< 0.001	< 0.001
210306_at	—	<i>L3MBTL</i>	26013	0.657	-0.811	< 0.001	< 0.001
213837_at	—	<i>L3MBTL</i>	26013	0.687	-0.829	< 0.001	< 0.001
218701_at	Hs.118554	<i>LACTB2</i>	51110	0.628	0.793	< 0.001	< 0.001
200821_at	Hs.496684	<i>LAMP2</i>	3920	0.645	0.803	< 0.001	< 0.001
203041_s_at	Hs.496684	<i>LAMP2</i>	3920	0.615	0.784	< 0.001	< 0.001
203042_at	Hs.496684	<i>LAMP2</i>	3920	0.610	0.781	< 0.001	< 0.001
202020_s_at	Hs.13351	<i>LANCL1</i>	10314	0.663	0.814	< 0.001	< 0.001
222561_at	Hs.595384	<i>LANCL2</i>	55915	0.749	-0.865	< 0.001	< 0.001
200618_at	Hs.548018	<i>LASP1</i>	3927	0.676	-0.822	< 0.001	< 0.001
224951_at	Hs.270525	<i>LASS5</i>	91012	0.688	-0.830	< 0.001	< 0.001
232293_at	Hs.446201	<i>LCORL</i>	254251	0.728	-0.853	< 0.001	< 0.001
235970_at	Hs.446201	<i>LCORL</i>	254251	0.639	-0.799	< 0.001	< 0.001
240592_at	Hs.446201	<i>LCORL</i>	254251	0.626	-0.791	< 0.001	< 0.001
213371_at	Hs.49998	<i>LDB3</i>	11155	0.643	0.802	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
213564_x_at	Hs.446149	<i>LDHB</i>	3945	0.601	0.775	< 0.001	< 0.001
223228_at	Hs.332795	<i>LDOC1L</i>	84247	0.651	-0.807	< 0.001	< 0.001
201105_at	Hs.445351	<i>LGALS1</i>	3956	0.719	0.848	< 0.001	< 0.001
238061_at	Hs.33470	<i>LGI3</i>	203190	0.834	0.913	< 0.001	< 0.001
228422_at	Hs.56782	<i>LHFPL4</i>	375323	0.622	-0.789	< 0.001	< 0.001
219884_at	Hs.103137	<i>LHX6</i>	26468	0.630	-0.794	< 0.001	< 0.001
221568_s_at	Hs.91393	<i>LIN7C</i>	55327	0.757	-0.870	< 0.001	< 0.001
223350_x_at	Hs.91393	<i>LIN7C</i>	55327	0.778	-0.882	< 0.001	< 0.001
218191_s_at	Hs.271643	<i>LMBRD1</i>	55788	0.685	0.827	< 0.001	< 0.001
225176_at	Hs.527199	<i>LNPEP</i>	4012	0.609	0.781	< 0.001	< 0.001
212934_at	Hs.155572	<i>LOC137886</i>	137886	0.744	-0.862	< 0.001	< 0.001
226358_at	Hs.532698	<i>LOC145842</i>	145842	0.633	0.796	< 0.001	< 0.001
230495_at	Hs.107284	<i>LOC150568</i>	150568	0.911	-0.954	< 0.001	< 0.001
226764_at	Hs.133916	<i>LOC152485</i>	152485	0.749	-0.865	< 0.001	< 0.001
228046_at	Hs.133916	<i>LOC152485</i>	152485	0.756	-0.869	< 0.001	< 0.001
243617_at	Hs.129512 /// Hs.133916	<i>LOC152485</i> /// <i>TPM3</i>	152485	0.687	-0.829	< 0.001	< 0.001
243618_s_at	Hs.129512 /// Hs.133916	<i>LOC152485</i> /// <i>TPM3</i>	152485	0.833	-0.913	< 0.001	< 0.001
225956_at	Hs.484195	<i>LOC153222</i>	153222	0.833	0.913	< 0.001	< 0.001
225957_at	Hs.484195	<i>LOC153222</i>	153222	0.838	0.915	< 0.001	< 0.001
235556_at	Hs.484195	<i>LOC153222</i>	153222	0.744	0.862	< 0.001	< 0.001
238476_at	Hs.484195	<i>LOC153222</i>	153222	0.744	0.863	< 0.001	< 0.001
230692_at	Hs.103535	<i>LOC157503</i>	157503	0.882	-0.939	< 0.001	< 0.001
230876_at	Hs.192877	<i>LOC169834</i>	169834	0.838	-0.916	< 0.001	< 0.001
1555867_at	Hs.159711	<i>LOC200169</i>	200169	0.906	-0.952	< 0.001	< 0.001
220609_at	—	<i>LOC202181</i>	202181	0.724	-0.851	< 0.001	< 0.001
232309_at	Hs.631956	<i>LOC202181</i>	202181	0.766	-0.875	< 0.001	< 0.001
228614_at	Hs.128499	<i>LOC205251</i>	205251	0.662	0.814	< 0.001	< 0.001
227124_at	Hs.632003	<i>LOC221710</i>	221710	0.602	-0.776	< 0.001	< 0.001
1559061_at	Hs.558704	<i>LOC253962</i>	253962	0.638	-0.799	< 0.001	< 0.001
227325_at	Hs.128690	<i>LOC255783</i>	255783	0.745	-0.863	< 0.001	< 0.001
1560676_at	Hs.368483	<i>LOC283514</i>	283514	0.780	-0.883	< 0.001	< 0.001
214719_at	Hs.117167	<i>LOC283537</i>	283537	0.700	0.837	< 0.001	< 0.001
222622_at	Hs.442634	<i>LOC283871</i>	79118	0.624	0.790	< 0.001	< 0.001
229266_at	Hs.592124	<i>LOC284033</i>	284033	0.675	-0.821	< 0.001	< 0.001
226727_at	Hs.462923	<i>LOC284106</i>	284106	0.650	0.806	< 0.001	< 0.001
214162_at	Hs.4267	<i>LOC284244</i>	284244	0.730	-0.855	< 0.001	< 0.001
227478_at	—	<i>LOC284262</i>	284262	0.767	-0.876	< 0.001	< 0.001
236166_at	Hs.467627	<i>LOC285147</i>	285147	0.653	0.808	< 0.001	< 0.001
230179_at	Hs.593631	<i>LOC285812</i>	285812	0.745	0.863	< 0.001	< 0.001
229112_at	Hs.594133	<i>LOC285813</i>	285813	0.681	0.825	< 0.001	< 0.001
227937_at	Hs.515478	<i>LOC339344</i>	339344	0.662	0.814	< 0.001	< 0.001
215039_at	Hs.306423	<i>LOC339524</i>	339524	0.684	0.827	< 0.001	< 0.001
1568658_at	Hs.140617	<i>LOC339804</i>	339804	0.611	0.781	< 0.001	< 0.001
228880_at	Hs.592482	<i>LOC339984</i>	339984	0.619	0.787	< 0.001	< 0.001
227181_at	Hs.591294	<i>LOC348801</i>	348801	0.707	0.841	< 0.001	< 0.001
1556797_at	Hs.559010	<i>LOC386597</i>	386597	0.622	0.789	< 0.001	< 0.001
225105_at	Hs.127945	<i>LOC387882</i>	387882	0.701	-0.837	< 0.001	< 0.001
236756_at	Hs.631771	<i>LOC389857</i> /// <i>LOC441495</i>	389857 /// 441495	0.609	-0.780	< 0.001	< 0.001
229581_at	Hs.645486	<i>LOC392617</i>	392617 /// 641904	0.659	-0.812	< 0.001	< 0.001
229238_at	Hs.499607	<i>LOC400566</i>	400566	0.623	0.790	< 0.001	< 0.001
236738_at	Hs.174743	<i>LOC401097</i>	401097	0.689	0.830	< 0.001	< 0.001
229978_at	Hs.130661	<i>LOC440338</i>	440338	0.701	-0.837	< 0.001	< 0.001
226977_at	Hs.200938	<i>LOC492311</i>	492311	0.870	0.933	< 0.001	< 0.001
41397_at	Hs.647357	<i>LOC55565</i>	55565	0.663	-0.814	< 0.001	< 0.001
225509_at	Hs.592566	<i>LOC56757</i>	56757	0.783	0.885	< 0.001	< 0.001
234604_at	Hs.651224	<i>LOC641808</i>	645352	0.604	-0.777	< 0.001	< 0.001
230224_at	Hs.648338	<i>LOC644353</i>	401612	0.756	-0.869	< 0.001	< 0.001
215290_at	Hs.12827	<i>LOC645323</i>	645323	0.753	-0.868	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
230272_at	Hs.12827	<i>LOC645323</i>	645323	0.725	-0.852	< 0.001	< 0.001
238850_at	Hs.12827	<i>LOC645323</i>	645323	0.706	-0.840	< 0.001	< 0.001
216570_x_at	Hs.647660	<i>LOC646417</i>	283412 /// 284064 /// 401911 /// 6159 /// 643433	0.758	-0.871	< 0.001	< 0.001
210409_at	Hs.520556	<i>LOC653483</i>	653483	0.721	-0.849	< 0.001	< 0.001
1564559_at	Hs.638573	<i>LOC728073</i>	—	0.688	-0.829	< 0.001	< 0.001
226927_at	Hs.42547	<i>LOC728568</i>	—	0.621	-0.788	< 0.001	< 0.001
236158_at	Hs.255993	<i>LOC728853</i>	147975	0.809	-0.899	< 0.001	< 0.001
239106_at	Hs.651294	<i>LOC728999</i>	340591	0.708	-0.841	< 0.001	< 0.001
228977_at	Hs.130652	<i>LOC729680</i>	53342	0.908	0.953	< 0.001	< 0.001
226596_x_at	Hs.639529	<i>LOC729852</i> /// <i>LOC730358</i> /// <i>LOC730538</i>	6119	0.755	0.869	< 0.001	< 0.001
231392_at	Hs.436178	<i>LOC89944</i>	89944	0.753	-0.868	< 0.001	< 0.001
203570_at	Hs.65436	<i>LOXL1</i>	4016	0.648	-0.805	< 0.001	< 0.001
224480_s_at	Hs.99196	<i>LPAAT-THETA</i>	84803	0.695	0.834	< 0.001	< 0.001
202459_s_at	Hs.132342	<i>LPIN2</i>	9663	0.634	-0.796	< 0.001	< 0.001
202460_s_at	Hs.132342	<i>LPIN2</i>	9663	0.673	-0.820	< 0.001	< 0.001
218509_at	Hs.6846	<i>LPPR2</i>	64748	0.816	-0.903	< 0.001	< 0.001
64899_at	Hs.6846	<i>LPPR2</i>	64748	0.828	-0.910	< 0.001	< 0.001
213496_at	Hs.13245	<i>LPPR4</i>	9890	0.768	-0.876	< 0.001	< 0.001
219491_at	Hs.209979	<i>LRFN4</i>	78999	0.761	-0.872	< 0.001	< 0.001
208433_s_at	Hs.576154	<i>LRP8</i>	7804	0.785	-0.886	< 0.001	< 0.001
205381_at	Hs.567412	<i>LRRRC17</i>	10234	0.672	-0.820	< 0.001	< 0.001
229231_at	Hs.514071	<i>LRRRC37B</i>	114659	0.739	-0.860	< 0.001	< 0.001
241585_at	Hs.135736	<i>LRRRC4C</i>	57689	0.613	-0.783	< 0.001	< 0.001
233499_at	Hs.479658	<i>LRRRC7</i>	—	0.730	-0.854	< 0.001	< 0.001
237602_at	Hs.479658	<i>LRRRC7</i>	57554	0.695	-0.833	< 0.001	< 0.001
229584_at	Hs.187636	<i>LRRK2</i>	120892	0.632	0.795	< 0.001	< 0.001
209840_s_at	Hs.3781	<i>LRRN3</i>	54674	0.756	-0.869	< 0.001	< 0.001
209841_s_at	Hs.3781	<i>LRRN3</i>	54674	0.722	-0.850	< 0.001	< 0.001
242112_at	Hs.631954	<i>LSM11</i>	134353	0.664	-0.815	< 0.001	< 0.001
224512_s_at	Hs.565094	<i>LSMD1</i>	84316	0.690	0.831	< 0.001	< 0.001
225441_x_at	Hs.565094	<i>LSMD1</i>	84316	0.772	0.878	< 0.001	< 0.001
1558173_a_at	Hs.257900	<i>LUZP1</i>	7798	0.810	0.900	< 0.001	< 0.001
221832_s_at	Hs.257900	<i>LUZP1</i>	7798	0.664	0.815	< 0.001	< 0.001
225831_at	Hs.257900	<i>LUZP1</i>	7798	0.842	0.917	< 0.001	< 0.001
215323_at	Hs.144138	<i>LUZP2</i>	338645	0.762	-0.873	< 0.001	< 0.001
216744_at	Hs.144138	<i>LUZP2</i>	338645	0.690	-0.831	< 0.001	< 0.001
226305_at	Hs.158665	<i>LYNX1</i>	66004	0.803	0.896	< 0.001	< 0.001
212909_at	Hs.651252	<i>LYPD1</i>	116372	0.629	-0.793	< 0.001	< 0.001
227764_at	Hs.21929	<i>LYPD6</i>	130574	0.719	-0.848	< 0.001	< 0.001
226748_at	Hs.631693	<i>LYSMD2</i>	256586	0.746	0.864	< 0.001	< 0.001
218437_s_at	Hs.30824	<i>LZTFL1</i>	54585	0.659	0.812	< 0.001	< 0.001
228150_at	Hs.149540	<i>LZTR2</i>	89866	0.624	0.790	< 0.001	< 0.001
200901_s_at	Hs.134084	<i>M6PR</i>	4074	0.647	0.804	< 0.001	< 0.001
218559_s_at	Hs.651210	<i>MAFB</i>	9935	0.634	-0.796	< 0.001	< 0.001
226206_at	Hs.520612	<i>MAFK</i>	7975	0.809	0.899	< 0.001	< 0.001
221261_x_at	Hs.522650	<i>MAGED4</i>	653210 /// 81557	0.798	-0.894	< 0.001	< 0.001
223313_s_at	Hs.522650	<i>MAGED4</i> /// <i>LOC728239</i>	653210 /// 81557	0.790	-0.889	< 0.001	< 0.001
1556047_s_at	Hs.8453	<i>MAGEE1</i>	57692	0.627	0.792	< 0.001	< 0.001
204777_s_at	Hs.80395	<i>MAL</i>	4118	0.664	0.815	< 0.001	< 0.001
218918_at	Hs.197043	<i>MAN1C1</i>	57134	0.664	0.815	< 0.001	< 0.001
202032_s_at	Hs.116459	<i>MAN2A2</i>	4122	0.687	0.829	< 0.001	< 0.001
204041_at	Hs.46732	<i>MAOB</i>	4129	0.744	0.863	< 0.001	< 0.001
224378_x_at	Hs.632273	<i>MAP1LC3A</i>	84557	0.653	-0.808	< 0.001	< 0.001
227219_x_at	Hs.632273	<i>MAP1LC3A</i>	84557	0.659	-0.812	< 0.001	< 0.001
208786_s_at	Hs.356061	<i>MAP1LC3B</i>	81631	0.738	0.859	< 0.001	< 0.001
202670_at	Hs.145442	<i>MAP2K1</i>	5604	0.609	0.780	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
228448_at	Hs.585540	MAP6	4135	0.759	-0.871	< 0.001	< 0.001
235672_at	Hs.585540	MAP6	4135	0.785	-0.886	< 0.001	< 0.001
221713_s_at	Hs.478465	MAP6D1	79929	0.646	0.804	< 0.001	< 0.001
202889_x_at	Hs.486548	MAP7	9053	0.685	0.828	< 0.001	< 0.001
202890_at	Hs.486548	MAP7	9053	0.778	0.882	< 0.001	< 0.001
215471_s_at	Hs.486548	MAP7	9053	0.683	0.826	< 0.001	< 0.001
204813_at	Hs.125503	MAPK10	5602	0.677	0.823	< 0.001	< 0.001
213178_s_at	Hs.207763	MAPK8IP3	23162	0.623	0.790	< 0.001	< 0.001
213394_at	Hs.513661	MAPKBP1 /// KLHL3	23005	0.638	-0.799	< 0.001	< 0.001
200713_s_at	Hs.472437	MAPRE1	22919	0.728	-0.853	< 0.001	< 0.001
203928_x_at	Hs.101174	MAPT	4137	0.630	-0.793	< 0.001	< 0.001
203929_s_at	Hs.101174	MAPT	4137	0.749	-0.865	< 0.001	< 0.001
203930_s_at	Hs.101174	MAPT	4137	0.627	-0.792	< 0.001	< 0.001
225379_at	Hs.101174	MAPT	4137	0.694	-0.833	< 0.001	< 0.001
230112_at	Hs.170388	MARCH4	57574	0.866	-0.931	< 0.001	< 0.001
201668_x_at	Hs.519909	MARCKS	4082	0.633	-0.795	< 0.001	< 0.001
201669_s_at	Hs.519909	MARCKS	4082	0.796	-0.892	< 0.001	< 0.001
201670_s_at	Hs.519909	MARCKS	4082	0.846	-0.920	< 0.001	< 0.001
213002_at	Hs.519909	MARCKS	4082	0.620	-0.788	< 0.001	< 0.001
200644_at	Hs.75061	MARCKSL1	65108	0.771	-0.878	< 0.001	< 0.001
221047_s_at	Hs.497806	MARK1	4139	0.614	-0.784	< 0.001	< 0.001
226653_at	Hs.497806	MARK1	4139	0.800	-0.895	< 0.001	< 0.001
202569_s_at	Hs.35828	MARK3	4140	0.681	-0.825	< 0.001	< 0.001
221560_at	Hs.34314	MARK4	57787	0.675	-0.822	< 0.001	< 0.001
55065_at	Hs.34314	MARK4	57787	0.771	-0.878	< 0.001	< 0.001
215903_s_at	Hs.319481	MAST2	23139	0.683	-0.827	< 0.001	< 0.001
213045_at	Hs.466184	MAST3	23031	0.754	0.868	< 0.001	< 0.001
212064_x_at	Hs.23650	MAZ	4150	0.831	-0.912	< 0.001	< 0.001
201152_s_at	Hs.478000	MBNL1	4154	0.811	0.901	< 0.001	< 0.001
201153_s_at	Hs.478000	MBNL1	4154	0.778	0.882	< 0.001	< 0.001
203640_at	Hs.134221	MBNL2	10150	0.903	0.950	< 0.001	< 0.001
205018_s_at	Hs.134221	MBNL2	10150	0.684	0.827	< 0.001	< 0.001
230498_at	Hs.248122	MCHR1	2847	0.679	0.824	< 0.001	< 0.001
201930_at	Hs.444118	MCM6	4175	0.698	-0.835	< 0.001	< 0.001
200978_at	Hs.526521	MDH1	4190	0.666	0.816	< 0.001	< 0.001
204059_s_at	Hs.21160	ME1	4199	0.678	0.823	< 0.001	< 0.001
209200_at	Hs.635685	MEF2C	4208	0.795	-0.892	< 0.001	< 0.001
236395_at	Hs.635685	MEF2C	4208	0.684	-0.827	< 0.001	< 0.001
229557_at	Hs.525589	MEG3	55384	0.614	-0.784	< 0.001	< 0.001
207480_s_at	Hs.510989	MEIS2	4212	0.760	-0.872	< 0.001	< 0.001
201155_s_at	Hs.376681	MFN2	9927	0.611	0.782	< 0.001	< 0.001
203102_s_at	Hs.93338	MGAT2	4247	0.625	-0.791	< 0.001	< 0.001
220189_s_at	Hs.567419	MGAT4B	11282	0.786	-0.887	< 0.001	< 0.001
224598_at	Hs.567419	MGAT4B	11282	0.852	-0.923	< 0.001	< 0.001
207447_s_at	Hs.126195	MGAT4C	25834	0.671	-0.819	< 0.001	< 0.001
235542_at	Hs.516107	MGC22014	200424	0.757	-0.870	< 0.001	< 0.001
218641_at	Hs.568945	MGC3032	65998	0.775	-0.880	< 0.001	< 0.001
214051_at	Hs.496530	MGC39900	286527	0.682	-0.826	< 0.001	< 0.001
230664_at	Hs.496530	MGC39900	286527	0.652	-0.808	< 0.001	< 0.001
228067_at	Hs.469398	MGC42367	343990	0.639	0.800	< 0.001	< 0.001
221477_s_at	—	MGC5618	79099	0.743	0.862	< 0.001	< 0.001
226214_at	Hs.512607	MIR16	51573	0.650	0.806	< 0.001	< 0.001
218259_at	Hs.592047	MKL2	57496	0.693	0.832	< 0.001	< 0.001
238871_at	Hs.648081	MLLT4	4301	0.621	-0.788	< 0.001	< 0.001
221163_s_at	Hs.647055	MLXIPL	51085	0.610	0.781	< 0.001	< 0.001
203414_at	Hs.463483	MMD	23531	0.683	-0.826	< 0.001	< 0.001
207012_at	Hs.546267	MMP16	4325	0.707	-0.841	< 0.001	< 0.001
205330_at	Hs.268515	MN1	4330	0.794	-0.891	< 0.001	< 0.001
205079_s_at	Hs.169378	MPDZ	8777	0.776	0.881	< 0.001	< 0.001
213306_at	Hs.169378	MPDZ	8777	0.729	0.854	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
202974_at	Hs.496984	<i>MPP1</i>	4354	0.861	0.928	< 0.001	< 0.001
238451_at	Hs.499159	<i>MPP7</i>	143098	0.611	0.782	< 0.001	< 0.001
238778_at	Hs.499159	<i>MPP7</i>	143098	0.727	0.853	< 0.001	< 0.001
213924_at	Hs.514713	<i>MPPE1</i>	65258	0.643	-0.802	< 0.001	< 0.001
241398_at	Hs.592198	<i>MPPED1</i>	758	0.705	-0.840	< 0.001	< 0.001
201874_at	Hs.493919	<i>MPZL1</i>	9019	0.777	-0.882	< 0.001	< 0.001
201875_s_at	Hs.493919	<i>MPZL1</i>	9019	0.854	-0.924	< 0.001	< 0.001
225185_at	Hs.527021	<i>MRAS</i>	22808 /// 653764	0.670	0.819	< 0.001	< 0.001
219648_at	Hs.643579	<i>MREG</i>	55686	0.818	0.904	< 0.001	< 0.001
232682_at	Hs.643579	<i>MREG</i>	55686	0.675	0.821	< 0.001	< 0.001
226091_s_at	Hs.406590	<i>MRFAP1</i>	93621	0.672	0.820	< 0.001	< 0.001
214771_x_at	Hs.462341	<i>M-RIP</i>	23164	0.605	0.778	< 0.001	< 0.001
229884_s_at	Hs.55041	<i>MRPL2</i>	51069	0.642	0.801	< 0.001	< 0.001
220526_s_at	Hs.182698	<i>MRPL20</i> /// <i>LOC642393</i>	55052 /// 642393	0.670	0.818	< 0.001	< 0.001
203781_at	Hs.515879	<i>MRPL33</i>	9553	0.742	0.861	< 0.001	< 0.001
222775_s_at	Hs.433439	<i>MRPL35</i>	51318	0.653	0.808	< 0.001	< 0.001
218281_at	Hs.503239	<i>MRPL48</i>	51642	0.620	0.787	< 0.001	< 0.001
223086_x_at	Hs.55847	<i>MRPL51</i>	51258	0.819	0.905	< 0.001	< 0.001
224334_s_at	Hs.55847	<i>MRPL51</i>	51258	0.731	0.855	< 0.001	< 0.001
228019_s_at	Hs.436161	<i>MRPS18C</i>	51023	0.721	0.849	< 0.001	< 0.001
219220_x_at	Hs.581614	<i>MRPS22</i>	56945	0.773	0.879	< 0.001	< 0.001
223448_x_at	Hs.581614	<i>MRPS22</i>	56945	0.807	0.899	< 0.001	< 0.001
226257_x_at	Hs.581614	<i>MRPS22</i>	56945	0.741	0.861	< 0.001	< 0.001
228059_x_at	Hs.581614	<i>MRPS22</i>	56945	0.743	0.862	< 0.001	< 0.001
218398_at	Hs.591747	<i>MRPS30</i>	10884	0.638	0.798	< 0.001	< 0.001
224765_at	Hs.532786	<i>MSL-1</i>	339287	0.613	-0.783	< 0.001	< 0.001
225782_at	Hs.339024	<i>MSRB3</i>	253827	0.612	0.783	< 0.001	< 0.001
203346_s_at	Hs.651239	<i>MTF2</i>	22823	0.611	-0.781	< 0.001	< 0.001
203095_at	Hs.149894	<i>MTIF2</i>	4528	0.706	0.840	< 0.001	< 0.001
203212_s_at	Hs.181326	<i>MTMR2</i>	8898	0.753	0.868	< 0.001	< 0.001
233665_x_at	Hs.347614	<i>MTO1</i>	25821	0.621	0.788	< 0.001	< 0.001
203037_s_at	Hs.336994	<i>MTSS1</i>	9788	0.648	-0.805	< 0.001	< 0.001
212093_s_at	Hs.7946	<i>MTUS1</i>	57509	0.714	0.845	< 0.001	< 0.001
226528_at	Hs.531418	<i>MTX3</i>	345778	0.804	0.897	< 0.001	< 0.001
229160_at	Hs.592221	<i>MUM1L1</i>	139221	0.832	0.912	< 0.001	< 0.001
212509_s_at	Hs.250723	<i>MXRA7</i>	439921	0.627	0.792	< 0.001	< 0.001
227326_at	Hs.250723	<i>MXRA7</i>	439921	0.899	0.948	< 0.001	< 0.001
219098_at	Hs.22824	<i>MYBBP1A</i>	10514	0.663	0.814	< 0.001	< 0.001
233803_s_at	Hs.22824	<i>MYBBP1A</i>	10514	0.624	0.790	< 0.001	< 0.001
209757_s_at	Hs.25960	<i>MYCN</i>	4613	0.774	-0.880	< 0.001	< 0.001
226845_s_at	Hs.293884	<i>MYEOV2</i>	150678	0.744	0.862	< 0.001	< 0.001
205826_at	Hs.443683	<i>MYOM2</i>	9172	0.697	0.835	< 0.001	< 0.001
214156_at	Hs.594535	<i>MYRIP</i>	25924	0.710	-0.842	< 0.001	< 0.001
200049_at	Hs.21907	<i>MYST2</i>	11143	0.680	0.824	< 0.001	< 0.001
231996_at	Hs.396494	<i>N4BP2</i>	55728	0.603	-0.776	< 0.001	< 0.001
209272_at	Hs.570078	<i>NAB1</i>	4664	0.618	0.786	< 0.001	< 0.001
205090_s_at	Hs.21334	<i>NAGPA</i>	51172	0.679	0.824	< 0.001	< 0.001
219368_at	Hs.66180	<i>NAP1L2</i>	4674	0.634	0.796	< 0.001	< 0.001
208751_at	Hs.126938	<i>NAPA</i>	8775	0.710	0.843	< 0.001	< 0.001
225111_s_at	Hs.269471	<i>NAPB</i>	63908	0.803	0.896	< 0.001	< 0.001
226041_at	Hs.324271	<i>NAPE-PLD</i>	222236	0.864	0.929	< 0.001	< 0.001
238722_x_at	Hs.324271	<i>NAPE-PLD</i>	222236	0.861	0.928	< 0.001	< 0.001
242229_at	Hs.324271	<i>NAPE-PLD</i>	222236	0.687	0.829	< 0.001	< 0.001
242635_s_at	Hs.324271	<i>NAPE-PLD</i>	222236	0.789	0.888	< 0.001	< 0.001
200027_at	Hs.465224	<i>NARS</i>	4677	0.789	0.888	< 0.001	< 0.001
235316_at	Hs.318529	<i>NAT8L</i>	339983	0.895	0.946	< 0.001	< 0.001
224770_s_at	Hs.585374	<i>NAV1</i>	89796	0.722	-0.850	< 0.001	< 0.001
224771_at	Hs.585374	<i>NAV1</i>	89796	0.700	-0.837	< 0.001	< 0.001
224772_at	Hs.585374	<i>NAV1</i>	89796	0.925	-0.962	< 0.001	< 0.001
224773_at	Hs.585374	<i>NAV1</i>	89796	0.776	-0.881	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
224774_s_at	Hs.585374	NAV1	89796	0.731	-0.855	< 0.001	< 0.001
227584_at	Hs.585374	NAV1	89796	0.876	-0.936	< 0.001	< 0.001
218330_s_at	Hs.502116	NAV2	89797	0.744	-0.863	< 0.001	< 0.001
222599_s_at	Hs.502116	NAV2	89797	0.640	-0.800	< 0.001	< 0.001
204823_at	Hs.306322	NAV3	89795	0.854	-0.924	< 0.001	< 0.001
215434_x_at	Hs.515947	NBPF1 /// NBPF10	440673 /// 55672	0.659	-0.812	< 0.001	< 0.001
229447_x_at	Hs.636561	NBPF11	200030 /// 440670	0.618	-0.786	< 0.001	< 0.001
201103_x_at	Hs.512037	NBPF11 /// NBPF15 /// NBPF10 /// NBPF8 /// LOC728936 /// LOC728980	200030 /// 284565 /// 440670 /// 440673 /// 644291	0.612	-0.782	< 0.001	< 0.001
212843_at	Hs.503878	NCAM1	4684	0.760	-0.872	< 0.001	< 0.001
217359_s_at	Hs.503878	NCAM1	4684	0.603	0.777	< 0.001	< 0.001
227394_at	Hs.503878	NCAM1	4684	0.778	-0.882	< 0.001	< 0.001
229799_s_at	Hs.503878	NCAM1	4684	0.661	0.813	< 0.001	< 0.001
218697_at	Hs.617655	NCKIPSD	51517	0.898	0.947	< 0.001	< 0.001
208979_at	Hs.368971	NCOA6	23054	0.700	-0.836	< 0.001	< 0.001
225344_at	Hs.171426	NCOA7	135112	0.796	0.892	< 0.001	< 0.001
209550_at	Hs.50130	NDN	4692	0.681	-0.825	< 0.001	< 0.001
223244_s_at	Hs.506374	NDUFA12	55967	0.748	0.865	< 0.001	< 0.001
202785_at	Hs.333427	NDUFA7	4701	0.702	0.838	< 0.001	< 0.001
218160_at	Hs.495039	NDUFA8	4702	0.753	0.868	< 0.001	< 0.001
223112_s_at	Hs.513266	NDUFB10	4716	0.735	0.857	< 0.001	< 0.001
228301_x_at	Hs.513266	NDUFB10	4716	0.606	0.778	< 0.001	< 0.001
218226_s_at	Hs.304613	NDUFB4 /// LOC727762	4710 /// 653432	0.843	0.918	< 0.001	< 0.001
203621_at	Hs.518424	NDUFB5	4711	0.716	0.846	< 0.001	< 0.001
201226_at	Hs.523215	NDUFB8	4714	0.897	0.947	< 0.001	< 0.001
201227_s_at	Hs.523215	NDUFB8	4714	0.907	0.952	< 0.001	< 0.001
222992_s_at	Hs.15977	NDUFB9	4715	0.750	0.866	< 0.001	< 0.001
211752_s_at	Hs.211914	NDUFS7	374291	0.704	0.839	< 0.001	< 0.001
203961_at	Hs.5025	NEBL	10529	0.734	0.857	< 0.001	< 0.001
203962_s_at	Hs.5025	NEBL	10529	0.707	0.841	< 0.001	< 0.001
204412_s_at	Hs.198760	NEFH	4744	0.803	0.896	< 0.001	< 0.001
33767_at	Hs.198760	NEFH	4744	0.821	0.906	< 0.001	< 0.001
205113_at	Hs.458657	NEFM	4741	0.761	0.873	< 0.001	< 0.001
212530_at	Hs.24119	NEK7	140609	0.774	0.879	< 0.001	< 0.001
218888_s_at	Hs.444046	NETO2	81831	0.829	-0.911	< 0.001	< 0.001
208926_at	Hs.520037	NEU1	4758	0.616	0.785	< 0.001	< 0.001
224984_at	Hs.371987	NFAT5	10725	0.796	0.892	< 0.001	< 0.001
200758_s_at	Hs.514284	NFE2L1	4779	0.754	0.868	< 0.001	< 0.001
200759_x_at	Hs.514284	NFE2L1	4779	0.806	0.898	< 0.001	< 0.001
214179_s_at	Hs.514284	NFE2L1	4779	0.843	0.918	< 0.001	< 0.001
204702_s_at	Hs.404741	NFE2L3	9603	0.637	-0.798	< 0.001	< 0.001
236471_at	Hs.404741	NFE2L3	9603	0.667	-0.817	< 0.001	< 0.001
209289_at	Hs.370359	NFIB	4781	0.716	-0.846	< 0.001	< 0.001
211467_s_at	Hs.370359	NFIB	4781	0.697	-0.835	< 0.001	< 0.001
226895_at	Hs.170131	NFIC	4782	0.746	0.864	< 0.001	< 0.001
218455_at	Hs.194692	NFS1	9054	0.753	0.868	< 0.001	< 0.001
236677_at	Hs.274363	NGB	58157	0.644	-0.803	< 0.001	< 0.001
201076_at	Hs.182255	NHP2L1	4809	0.635	0.797	< 0.001	< 0.001
202007_at	Hs.356624	NID1	4811	0.701	-0.838	< 0.001	< 0.001
202891_at	Hs.146406	NIT1	4817	0.642	0.801	< 0.001	< 0.001
218240_at	Hs.632252	NKIRAS2	28511	0.865	-0.930	< 0.001	< 0.001
222105_s_at	Hs.632252	NKIRAS2	28511	0.886	-0.941	< 0.001	< 0.001
205893_at	Hs.478289	NLGN1	22871	0.683	-0.826	< 0.001	< 0.001
231361_at	Hs.478289	NLGN1	22871	0.653	-0.808	< 0.001	< 0.001
221933_at	Hs.21107	NLGN4X	57502	0.832	-0.912	< 0.001	< 0.001
222589_at	Hs.208759	NLK	51701	0.641	0.800	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
201158_at	Hs.532790	<i>NMT1</i>	4836	0.672	0.820	< 0.001	< 0.001
204239_s_at	Hs.504703	<i>NNAT</i>	4826	0.757	-0.870	< 0.001	< 0.001
206045_s_at	Hs.514795	<i>NOL4</i>	8715	0.618	-0.786	< 0.001	< 0.001
221853_s_at	Hs.583391	<i>NOMO1</i> /// <i>NOMO2</i> /// <i>NOMO3</i>	23420 /// 283820 /// 408050	0.671	0.819	< 0.001	< 0.001
217225_x_at	—	<i>NOMO2</i>	283820	0.657	0.811	< 0.001	< 0.001
214321_at	Hs.235935	<i>NOV</i>	4856	0.701	-0.837	< 0.001	< 0.001
227001_at	Hs.309489	<i>NPAL2</i>	79815	0.789	0.888	< 0.001	< 0.001
225875_s_at	Hs.523442	<i>NPAL3</i>	57185	0.712	0.844	< 0.001	< 0.001
225876_at	Hs.523442	<i>NPAL3</i>	57185	0.663	0.814	< 0.001	< 0.001
225911_at	Hs.518921	<i>NPNT</i>	255743	0.963	-0.981	< 0.001	< 0.001
204684_at	Hs.645265	<i>NPTX1</i>	4884	0.643	0.802	< 0.001	< 0.001
205440_s_at	Hs.519057	<i>NPY1R</i>	4886	0.729	-0.854	< 0.001	< 0.001
209505_at	Hs.519445	<i>NR2F1</i>	7025	0.744	-0.863	< 0.001	< 0.001
209506_s_at	Hs.519445	<i>NR2F1</i>	7025	0.741	-0.861	< 0.001	< 0.001
201865_x_at	Hs.122926	<i>NR3C1</i>	2908	0.811	0.901	< 0.001	< 0.001
201866_s_at	Hs.122926	<i>NR3C1</i>	2908	0.665	0.816	< 0.001	< 0.001
211671_s_at	Hs.122926	<i>NR3C1</i>	2908	0.797	0.893	< 0.001	< 0.001
216321_s_at	Hs.122926	<i>NR3C1</i>	2908	0.820	0.906	< 0.001	< 0.001
205259_at	Hs.163924	<i>NR3C2</i>	4306	0.713	0.845	< 0.001	< 0.001
206343_s_at	Hs.453951	<i>NRG1</i>	3084	0.806	-0.898	< 0.001	< 0.001
202599_s_at	Hs.155017	<i>NRIP1</i>	8204	0.670	-0.819	< 0.001	< 0.001
202600_s_at	Hs.155017	<i>NRIP1</i>	8204	0.663	-0.814	< 0.001	< 0.001
209914_s_at	Hs.637685	<i>NRXN1</i>	9378	0.757	-0.870	< 0.001	< 0.001
233424_at	Hs.637685	<i>NRXN1</i>	9378	0.704	-0.839	< 0.001	< 0.001
209982_s_at	Hs.372938	<i>NRXN2</i>	9379	0.653	-0.808	< 0.001	< 0.001
209983_s_at	Hs.372938	<i>NRXN2</i>	9379	0.614	-0.783	< 0.001	< 0.001
202395_at	Hs.431279	<i>NSF</i>	4905	0.684	0.827	< 0.001	< 0.001
217831_s_at	Hs.12865	<i>NSFL1C</i>	55968	0.703	0.838	< 0.001	< 0.001
220248_x_at	Hs.12865	<i>NSFL1C</i>	55968	0.834	0.913	< 0.001	< 0.001
232520_s_at	Hs.12865	<i>NSFL1C</i>	55968	0.783	0.885	< 0.001	< 0.001
223298_s_at	Hs.487933	<i>NT5C3</i>	51251	0.669	-0.818	< 0.001	< 0.001
233072_at	Hs.163642	<i>NTNG2</i>	84628	0.603	-0.777	< 0.001	< 0.001
204589_at	Hs.524692	<i>NUAK1</i>	9891	0.756	0.870	< 0.001	< 0.001
201173_x_at	Hs.263812	<i>NUDC</i>	10726	0.695	0.834	< 0.001	< 0.001
210574_s_at	Hs.263812	<i>NUDC</i>	10726	0.621	0.788	< 0.001	< 0.001
235054_at	Hs.591313	<i>NUDT16</i>	131870	0.726	0.852	< 0.001	< 0.001
232377_at	Hs.487564	<i>NXP1</i>	30010	0.755	-0.869	< 0.001	< 0.001
200077_s_at	Hs.446427	<i>OAZ1</i>	4946	0.671	0.819	< 0.001	< 0.001
201365_at	Hs.74563	<i>OAZ2</i>	4947	0.641	0.800	< 0.001	< 0.001
219523_s_at	Hs.130438	<i>ODZ3</i>	55714	0.837	-0.915	< 0.001	< 0.001
219277_s_at	Hs.17860	<i>OGDHL</i>	55753	0.922	0.960	< 0.001	< 0.001
207093_s_at	Hs.113874	<i>OMG</i>	4974	0.647	0.804	< 0.001	< 0.001
219032_x_at	—	<i>OPN3</i>	23596	0.735	0.857	< 0.001	< 0.001
224392_s_at	—	<i>OPN3</i>	23596	0.686	0.828	< 0.001	< 0.001
204957_at	Hs.432948	<i>ORC5L</i>	5001	0.640	0.800	< 0.001	< 0.001
209222_s_at	Hs.473254	<i>OSBPL2</i>	9885	0.721	0.849	< 0.001	< 0.001
218197_s_at	Hs.148778	<i>OXR1</i>	55074	0.712	0.844	< 0.001	< 0.001
222553_x_at	Hs.148778	<i>OXR1</i>	55074	0.754	0.868	< 0.001	< 0.001
215157_x_at	Hs.387804	<i>PABPC1</i>	26986	0.819	-0.905	< 0.001	< 0.001
208113_x_at	Hs.458280	<i>PABPC3</i>	5042	0.794	-0.891	< 0.001	< 0.001
215823_x_at	Hs.387804	<i>PABPC3</i> /// <i>PABPC1</i> /// <i>LOC341315</i> /// <i>LOC652607</i>	26986 /// 5042 /// 652607	0.792	-0.890	< 0.001	< 0.001
203228_at	Hs.466831	<i>PAFAH1B3</i>	5050	0.857	-0.926	< 0.001	< 0.001
222983_s_at	Hs.396644	<i>PAIP2</i>	51247	0.717	0.847	< 0.001	< 0.001
222984_at	Hs.396644	<i>PAIP2</i>	51247	0.840	0.917	< 0.001	< 0.001
209615_s_at	Hs.435714	<i>PAK1</i>	5058	0.667	0.817	< 0.001	< 0.001
226507_at	Hs.435714	<i>PAK1</i>	5058	0.770	0.878	< 0.001	< 0.001

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**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
201832_s_at	Hs.435714	<i>PAK1</i> /// <i>VDP</i>	8615	0.656	0.810	< 0.001	< 0.001
214078_at	Hs.390616	<i>PAK3</i>	5063	0.628	-0.792	< 0.001	< 0.001
236277_at	Hs.390616	<i>PAK3</i>	5063	0.760	-0.872	< 0.001	< 0.001
1555310_a_at	Hs.513645	<i>PAK6</i>	56924	0.848	-0.921	< 0.001	< 0.001
219461_at	Hs.513645	<i>PAK6</i>	56924	0.819	-0.905	< 0.001	< 0.001
202336_s_at	Hs.369430	<i>PAM</i>	5066	0.810	0.900	< 0.001	< 0.001
212958_x_at	Hs.369430	<i>PAM</i>	5066	0.691	0.832	< 0.001	< 0.001
214620_x_at	Hs.369430	<i>PAM</i>	5066	0.786	0.887	< 0.001	< 0.001
225563_at	Hs.369984	<i>PAN3</i>	255967	0.635	-0.797	< 0.001	< 0.001
231397_at	Hs.483948	<i>PAP2D</i>	163404	0.880	-0.938	< 0.001	< 0.001
218271_s_at	Hs.478469	<i>PARL</i>	55486	0.761	0.872	< 0.001	< 0.001
203905_at	Hs.253197	<i>PARN</i>	5073	0.757	0.870	< 0.001	< 0.001
219639_x_at	Hs.270244	<i>PARP6</i>	56965	0.875	-0.935	< 0.001	< 0.001
232683_s_at	Hs.270244	<i>PARP6</i>	56965	0.816	-0.903	< 0.001	< 0.001
215972_at	Hs.146312	<i>PART1</i>	25859	0.766	0.875	< 0.001	< 0.001
204004_at	Hs.643130	<i>PAWR</i>	5074	0.717	-0.847	< 0.001	< 0.001
226223_at	Hs.643130	<i>PAWR</i>	5074	0.614	-0.783	< 0.001	< 0.001
220355_s_at	Hs.189920	<i>PB1</i>	55193	0.603	-0.777	< 0.001	< 0.001
204476_s_at	Hs.89890	<i>PC</i>	5091	0.867	0.931	< 0.001	< 0.001
225975_at	Hs.591691	<i>PCDH18</i>	54510	0.711	-0.843	< 0.001	< 0.001
227282_at	Hs.4993	<i>PCDH19</i>	57526	0.811	-0.901	< 0.001	< 0.001
232054_at	Hs.391781	<i>PCDH20</i>	64881	0.616	-0.785	< 0.001	< 0.001
210674_s_at	Hs.570901	<i>PCDHA9</i> /// <i>PCDHAC2</i> /// <i>PCDHAC1</i> /// <i>PCDHA13</i> /// <i>PCDHA12</i> /// <i>PCDHA11</i> /// <i>PCDHA10</i> /// <i>PCDHA8</i> /// <i>PCDHA7</i> /// <i>PCDHA6</i> /// <i>PCDHA5</i> /// <i>PCDHA4</i> /// <i>PCDHA3</i> /// <i>PCDHA2</i> /// <i>PCDHA1</i>	56134 /// 56135 /// 56136 /// 56137 /// 56138 /// 56139 /// 56140 /// 56141 /// 56142 /// 56143 /// 56144 /// 56145 /// 56146 /// 56147 /// 9752	0.875	-0.935	< 0.001	< 0.001
223435_s_at	Hs.570901	<i>PCDHA9</i> /// <i>PCDHAC2</i> /// <i>PCDHAC1</i> /// <i>PCDHA13</i> /// <i>PCDHA12</i> /// <i>PCDHA11</i> /// <i>PCDHA10</i> /// <i>PCDHA8</i> /// <i>PCDHA7</i> /// <i>PCDHA6</i> /// <i>PCDHA5</i> /// <i>PCDHA4</i> /// <i>PCDHA3</i> /// <i>PCDHA2</i> /// <i>PCDHA1</i>	56134 /// 56135 /// 56136 /// 56137 /// 56138 /// 56139 /// 56140 /// 56141 /// 56142 /// 56143 /// 56144 /// 56145 /// 56146 /// 56147 /// 9752	0.705	-0.839	< 0.001	< 0.001
224212_s_at	Hs.570901	<i>PCDHA9</i> /// <i>PCDHAC2</i> /// <i>PCDHAC1</i> /// <i>PCDHA13</i> /// <i>PCDHA12</i> /// <i>PCDHA11</i> /// <i>PCDHA10</i> /// <i>PCDHA8</i> /// <i>PCDHA7</i> /// <i>PCDHA6</i> /// <i>PCDHA5</i> /// <i>PCDHA4</i> /// <i>PCDHA3</i> /// <i>PCDHA2</i> /// <i>PCDHA1</i>	56134 /// 56135 /// 56136 /// 56137 /// 56138 /// 56139 /// 56140 /// 56141 /// 56142 /// 56143 /// 56144 /// 56145 /// 56146 /// 56147 /// 9752	0.847	-0.920	< 0.001	< 0.001
230809_at	Hs.130757	<i>PCDHB14</i>	56122	0.677	-0.823	< 0.001	< 0.001
210023_s_at	Hs.316750	<i>PCGF1</i>	84759	0.659	0.812	< 0.001	< 0.001



**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
226326_at	Hs.500512	<i>PCGF5</i>	84333	0.781	0.884	< 0.001	< 0.001
229194_at	Hs.500512	<i>PCGF5</i>	84333	0.639	0.800	< 0.001	< 0.001
217816_s_at	Hs.275865	<i>PCNP</i>	57092	0.809	0.899	< 0.001	< 0.001
205559_s_at	Hs.368542	<i>PCSK5</i>	5125	0.727	-0.852	< 0.001	< 0.001
205560_at	Hs.368542	<i>PCSK5</i>	5125	0.622	-0.789	< 0.001	< 0.001
213652_at	Hs.368542	<i>PCSK5</i>	5125	0.812	-0.901	< 0.001	< 0.001
228959_at	Hs.296031	<i>PCYT1B</i>	9468	0.778	0.882	< 0.001	< 0.001
230085_at	Hs.296031	<i>PCYT1B</i>	9468	0.725	0.852	< 0.001	< 0.001
222394_at	Hs.475896	<i>PDCD6IP</i>	10015	0.692	0.832	< 0.001	< 0.001
219043_s_at	Hs.449206	<i>PDCD3</i> /// <i>LOC285359</i> /// <i>LOC644850</i>	285359 /// 644850 /// 79031	0.701	0.837	< 0.001	< 0.001
231213_at	Hs.191046	<i>PDE1A</i>	5136	0.607	0.779	< 0.001	< 0.001
239218_at	Hs.290550	<i>PDE1C</i>	5137	0.630	0.794	< 0.001	< 0.001
205593_s_at	Hs.473927	<i>PDE9A</i>	5152	0.668	-0.817	< 0.001	< 0.001
202590_s_at	Hs.256667	<i>PDK2</i>	5164	0.732	0.856	< 0.001	< 0.001
219165_at	Hs.632034	<i>PDLIM2</i>	64236	0.695	0.833	< 0.001	< 0.001
218019_s_at	Hs.284491	<i>PDXK</i>	8566	0.614	0.783	< 0.001	< 0.001
212915_at	Hs.434900	<i>PDZRN3</i>	23024	0.729	-0.854	< 0.001	< 0.001
233442_at	Hs.434900	<i>PDZRN3</i>	23024	0.647	-0.804	< 0.001	< 0.001
238165_at	Hs.434900	<i>PDZRN3</i>	23024	0.619	-0.787	< 0.001	< 0.001
205353_s_at	Hs.433863	<i>PEBP1</i>	5037	0.696	0.834	< 0.001	< 0.001
211941_s_at	Hs.433863	<i>PEBP1</i>	5037	0.747	0.864	< 0.001	< 0.001
217923_at	Hs.470417	<i>PEF1</i>	553115	0.608	0.780	< 0.001	< 0.001
212094_at	Hs.147492	<i>PEG10</i>	23089	0.769	-0.877	< 0.001	< 0.001
209242_at	Hs.201776	<i>PEG3</i>	5178	0.759	0.871	< 0.001	< 0.001
218319_at	Hs.7886	<i>PEL1</i>	57162	0.712	-0.844	< 0.001	< 0.001
235431_s_at	Hs.523816	<i>PELI3</i>	246330	0.852	0.923	< 0.001	< 0.001
213791_at	Hs.339831	<i>PENK</i>	5179	0.757	-0.870	< 0.001	< 0.001
201706_s_at	Hs.517232	<i>PEX19</i>	5824	0.739	0.860	< 0.001	< 0.001
201707_at	Hs.517232	<i>PEX19</i>	5824	0.690	0.831	< 0.001	< 0.001
209992_at	Hs.282702	<i>PFKFB2</i>	5208	0.693	0.832	< 0.001	< 0.001
202464_s_at	Hs.195471	<i>PFKFB3</i>	5209	0.744	0.863	< 0.001	< 0.001
210976_s_at	Hs.75160	<i>PFKM</i>	5213	0.769	0.877	< 0.001	< 0.001
201037_at	Hs.26010	<i>PFKP</i>	5214	0.647	0.804	< 0.001	< 0.001
204604_at	Hs.430742	<i>PFTK1</i>	5218	0.844	0.919	< 0.001	< 0.001
219225_at	Hs.520463	<i>PGBD5</i>	79605	0.603	0.777	< 0.001	< 0.001
200738_s_at	Hs.78771	<i>PGK1</i>	5230	0.608	0.780	< 0.001	< 0.001
218387_s_at	Hs.466165	<i>PGLS</i>	25796	0.612	-0.782	< 0.001	< 0.001
218388_at	Hs.466165	<i>PGLS</i>	25796	0.715	-0.846	< 0.001	< 0.001
229256_at	Hs.26612	<i>PGM2L1</i>	283209	0.682	-0.826	< 0.001	< 0.001
229553_at	Hs.26612	<i>PGM2L1</i>	283209	0.728	-0.853	< 0.001	< 0.001
225958_at	Hs.305985	<i>PHC1</i>	1911	0.729	-0.854	< 0.001	< 0.001
212660_at	Hs.483419	<i>PHF15</i>	23338	0.840	0.916	< 0.001	< 0.001
1554472_a_at	Hs.304362	<i>PHF20L1</i>	51105	0.741	-0.861	< 0.001	< 0.001
231967_at	Hs.304362	<i>PHF20L1</i>	51105	0.810	-0.900	< 0.001	< 0.001
209780_at	Hs.203965	<i>PHTF2</i>	57157	0.771	-0.878	< 0.001	< 0.001
205325_at	Hs.334688	<i>PHYHIP</i>	9796	0.630	0.794	< 0.001	< 0.001
212688_at	Hs.239818	<i>PIK3CB</i>	5291	0.680	0.824	< 0.001	< 0.001
1568629_s_at	Hs.371344	<i>PIK3R2</i>	5296	0.840	-0.916	< 0.001	< 0.001
212740_at	Hs.149032	<i>PIK3R4</i>	30849	0.711	0.843	< 0.001	< 0.001
207081_s_at	Hs.529438	<i>PIK4CA</i>	5297	0.772	0.878	< 0.001	< 0.001
213408_s_at	Hs.448225	<i>PIK4CA</i> /// <i>LOC220686</i> /// <i>LOC728233</i>	220686 /// 5297	0.791	0.889	< 0.001	< 0.001
212829_at	Hs.57079	<i>PIP4K2A</i>	5305	0.653	0.808	< 0.001	< 0.001
218942_at	Hs.144502	<i>PIP5K2C</i>	79837	0.806	0.898	< 0.001	< 0.001
202522_at	Hs.7370	<i>PITPNB</i>	23760	0.784	0.886	< 0.001	< 0.001
229414_at	Hs.593177	<i>PITPNC1</i>	26207	0.669	-0.818	< 0.001	< 0.001
204612_at	Hs.433700	<i>PKIA</i>	5569	0.709	-0.842	< 0.001	< 0.001
226864_at	Hs.433700	<i>PKIA</i>	5569	0.661	-0.813	< 0.001	< 0.001

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**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
201251_at	Hs.534770	<i>PKM2</i>	5315	0.841	0.917	< 0.001	< 0.001
207002_s_at	Hs.444975	<i>PLAGL1</i>	5325	0.799	-0.894	< 0.001	< 0.001
207943_x_at	Hs.444975	<i>PLAGL1</i>	5325	0.784	-0.885	< 0.001	< 0.001
209318_x_at	Hs.444975	<i>PLAGL1</i>	5325	0.825	-0.909	< 0.001	< 0.001
219024_at	Hs.643512	<i>PLEKHA1</i>	59338	0.671	0.819	< 0.001	< 0.001
226247_at	Hs.643512	<i>PLEKHA1</i>	59338	0.767	0.876	< 0.001	< 0.001
217677_at	Hs.369123	<i>PLEKHA2</i>	59339	0.692	0.832	< 0.001	< 0.001
225136_at	Hs.369123	<i>PLEKHA2</i>	59339	0.943	0.971	< 0.001	< 0.001
238013_at	Hs.369123	<i>PLEKHA2</i>	59339	0.834	0.913	< 0.001	< 0.001
209504_s_at	Hs.445489	<i>PLEKHB1</i>	58473	0.758	0.871	< 0.001	< 0.001
225726_s_at	Hs.594236	<i>PLEKHH1</i>	57475	0.662	0.813	< 0.001	< 0.001
225727_at	Hs.594236	<i>PLEKHH1</i>	57475	0.627	0.792	< 0.001	< 0.001
204519_s_at	Hs.632215	<i>PLLP</i>	51090	0.623	0.789	< 0.001	< 0.001
201215_at	Hs.496622	<i>PLS3</i>	5358	0.756	0.870	< 0.001	< 0.001
221538_s_at	Hs.432329	<i>PLXNA1</i>	5361	0.643	-0.802	< 0.001	< 0.001
212235_at	Hs.301685	<i>PLXND1</i>	23129	0.769	-0.877	< 0.001	< 0.001
38671_at	Hs.301685	<i>PLXND1</i>	23129	0.899	-0.948	< 0.001	< 0.001
201682_at	Hs.184211	<i>PMPCB</i>	9512	0.677	0.823	< 0.001	< 0.001
225298_at	Hs.98475	<i>PNKD</i>	25953	0.723	0.850	< 0.001	< 0.001
233177_s_at	Hs.98475	<i>PNKD</i>	25953	0.865	0.930	< 0.001	< 0.001
205901_at	Hs.88218	<i>PNOC</i>	5368	0.618	-0.786	< 0.001	< 0.001
209740_s_at	Hs.264	<i>PNPLA4</i>	8228	0.677	0.823	< 0.001	< 0.001
219152_at	Hs.591290	<i>PODXL2</i>	50512	0.657	-0.810	< 0.001	< 0.001
203616_at	—	<i>POLB</i>	5423	0.632	-0.795	< 0.001	< 0.001
203366_at	Hs.645360	<i>POLG</i>	5428	0.619	0.787	< 0.001	< 0.001
224874_at	Hs.507584	<i>POLR1D</i>	219404	0.627	-0.792	< 0.001	< 0.001
214263_x_at	Hs.79402	<i>POLR2C</i>	5432	0.710	0.842	< 0.001	< 0.001
232643_at	Hs.436578	<i>POLR2F</i>	5435	0.802	0.896	< 0.001	< 0.001
217769_s_at	Hs.268742	<i>POMP</i>	51371	0.627	0.792	< 0.001	< 0.001
219926_at	Hs.458336	<i>POPDC3</i>	64208	0.828	0.910	< 0.001	< 0.001
207084_at	Hs.182505	<i>POU3F2</i>	5454	0.649	-0.806	< 0.001	< 0.001
242455_at	Hs.182505	<i>POU3F2</i>	5454	0.790	-0.889	< 0.001	< 0.001
201489_at	Hs.381072	<i>PPIF</i>	10105	0.602	0.776	< 0.001	< 0.001
203407_at	Hs.192233	<i>PPL</i>	5493	0.705	0.840	< 0.001	< 0.001
203966_s_at	Hs.592298	<i>PPM1A</i>	5494	0.667	0.817	< 0.001	< 0.001
236302_at	Hs.245044	<i>PPM1E</i>	22843	0.823	-0.907	< 0.001	< 0.001
203063_at	Hs.112728	<i>PPM1F</i>	9647	0.734	0.857	< 0.001	< 0.001
212686_at	Hs.435479	<i>PPM1H</i>	57460	0.731	0.855	< 0.001	< 0.001
227006_at	Hs.631569	<i>PPP1R14A</i>	94274	0.684	0.827	< 0.001	< 0.001
212750_at	Hs.45719	<i>PPP1R16B</i>	26051	0.850	0.922	< 0.001	< 0.001
41577_at	Hs.45719	<i>PPP1R16B</i>	26051	0.861	0.928	< 0.001	< 0.001
205478_at	Hs.505662	<i>PPP1R1A</i>	5502	0.838	-0.915	< 0.001	< 0.001
235129_at	Hs.505662	<i>PPP1R1A</i>	5502	0.673	-0.820	< 0.001	< 0.001
225165_at	Hs.286192	<i>PPP1R1B</i>	84152	0.840	0.916	< 0.001	< 0.001
227409_at	Hs.601513	<i>PPP1R3E</i>	90673	0.872	0.934	< 0.001	< 0.001
227412_at	Hs.601513	<i>PPP1R3E</i>	90673	0.691	0.831	< 0.001	< 0.001
201214_s_at	Hs.36587	<i>PPP1R7</i>	5510	0.728	0.853	< 0.001	< 0.001
202429_s_at	Hs.435512	<i>PPP3CA</i>	5530	0.653	0.808	< 0.001	< 0.001
202457_s_at	Hs.435512	<i>PPP3CA</i>	5530	0.691	0.831	< 0.001	< 0.001
209817_at	Hs.500067	<i>PPP3CB</i>	5532	0.722	0.850	< 0.001	< 0.001
32541_at	Hs.149413	<i>PPP3CC</i>	5533	0.648	-0.805	< 0.001	< 0.001
208932_at	Hs.534338	<i>PPP4C</i>	5531	0.642	-0.801	< 0.001	< 0.001
201594_s_at	Hs.464595	<i>PPP4R1</i>	9989	0.628	-0.793	< 0.001	< 0.001
200975_at	Hs.3873	<i>PPT1</i>	5538	0.787	0.887	< 0.001	< 0.001
218208_at	Hs.288284	<i>PQLC1</i>	80148	0.825	0.908	< 0.001	< 0.001
239763_at	Hs.178715	<i>PRDM11</i>	56981	0.675	0.821	< 0.001	< 0.001
212215_at	Hs.444349	<i>PREPL</i>	9581	0.809	0.899	< 0.001	< 0.001
212217_at	Hs.444349	<i>PREPL</i>	9581	0.696	0.834	< 0.001	< 0.001
220798_x_at	Hs.546439	<i>PRG2</i>	79948	0.789	-0.888	< 0.001	< 0.001
225968_at	Hs.148105	<i>PRICKLE2</i>	166336	0.859	-0.927	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
212555_at	Hs.520851	<i>PRKAR1B</i>	5575 /// 645595	0.606	0.778	< 0.001	< 0.001
212559_at	Hs.520851	<i>PRKAR1B</i>	5575 /// 645595	0.664	0.815	< 0.001	< 0.001
203680_at	Hs.433068	<i>PRKAR2B</i>	5577	0.613	-0.783	< 0.001	< 0.001
221564_at	Hs.154163	<i>PRMT2</i>	3275	0.681	-0.825	< 0.001	< 0.001
204304_s_at	Hs.614734	<i>PROM1</i>	8842	0.798	-0.894	< 0.001	< 0.001
204447_at	Hs.90232	<i>ProSAPiP1</i>	9762	0.805	0.897	< 0.001	< 0.001
203103_s_at	Hs.502705	<i>PRPF19</i>	27339	0.847	0.920	< 0.001	< 0.001
203401_at	Hs.104123	<i>PRPS2</i>	5634	0.646	-0.804	< 0.001	< 0.001
217794_at	Hs.426359	<i>PRR13</i>	54458	0.875	0.936	< 0.001	< 0.001
218714_at	Hs.293629	<i>PRR14</i>	78994	0.645	-0.803	< 0.001	< 0.001
226610_at	Hs.433422	<i>PRR6</i>	201161	0.663	-0.814	< 0.001	< 0.001
226611_s_at	Hs.433422	<i>PRR6</i>	201161	0.660	-0.812	< 0.001	< 0.001
219742_at	Hs.534492	<i>PRR7</i>	80758	0.690	-0.831	< 0.001	< 0.001
205402_x_at	—	<i>PRSS2</i>	5645	0.618	0.786	< 0.001	< 0.001
207463_x_at	Hs.128013	<i>PRSS3</i>	5646	0.743	0.862	< 0.001	< 0.001
213421_x_at	Hs.128013	<i>PRSS3</i>	5646	0.799	0.894	< 0.001	< 0.001
200871_s_at	Hs.523004	<i>PSAP</i>	5660	0.767	0.876	< 0.001	< 0.001
225147_at	Hs.487479	<i>PSCD3</i>	9265	0.765	-0.875	< 0.001	< 0.001
240400_at	Hs.487479	<i>PSCD3</i>	9265	0.603	-0.777	< 0.001	< 0.001
209337_at	Hs.493516	<i>PSIP1</i>	11168	0.614	-0.783	< 0.001	< 0.001
209503_s_at	Hs.79387	<i>PSMC5</i>	5705	0.851	0.923	< 0.001	< 0.001
202352_s_at	Hs.646575	<i>PSMD12</i>	5718	0.684	0.827	< 0.001	< 0.001
202353_s_at	Hs.646575	<i>PSMD12</i>	5718	0.697	0.835	< 0.001	< 0.001
202753_at	Hs.152536	<i>PSMD6</i>	9861	0.604	0.777	< 0.001	< 0.001
1552848_a_at	Hs.319503	<i>PTCHD1</i>	139411	0.736	-0.858	< 0.001	< 0.001
208131_s_at	Hs.302085	<i>PTGIS</i>	5740	0.628	-0.793	< 0.001	< 0.001
207821_s_at	Hs.395482	<i>PTK2</i>	5747	0.715	0.846	< 0.001	< 0.001
208820_at	Hs.395482	<i>PTK2</i>	5747	0.742	0.861	< 0.001	< 0.001
203110_at	Hs.491322	<i>PTK2B</i>	2185	0.618	0.786	< 0.001	< 0.001
204201_s_at	Hs.436142	<i>PTPN13</i>	5783	0.723	-0.851	< 0.001	< 0.001
213137_s_at	Hs.123352	<i>PTPN2</i>	5771	0.695	-0.833	< 0.001	< 0.001
213795_s_at	Hs.269577	<i>PTPRA</i>	5786	0.770	-0.878	< 0.001	< 0.001
213362_at	Hs.446083	<i>PTPRD</i>	5789	0.637	-0.798	< 0.001	< 0.001
214043_at	Hs.446083	<i>PTPRD</i>	5789	0.623	-0.790	< 0.001	< 0.001
208121_s_at	Hs.160871	<i>PTPRO</i>	5800	0.676	-0.822	< 0.001	< 0.001
204020_at	Hs.443121	<i>PURA</i>	5813	0.787	0.887	< 0.001	< 0.001
235634_at	Hs.373778	<i>PURG</i>	29942	0.709	-0.842	< 0.001	< 0.001
205336_at	Hs.295449	<i>PVALB</i>	5816	0.762	0.873	< 0.001	< 0.001
213325_at	Hs.293917	<i>PVRL3</i>	25945	0.641	-0.801	< 0.001	< 0.001
212012_at	Hs.332197	<i>PXDN</i>	7837	0.799	-0.894	< 0.001	< 0.001
212013_at	Hs.332197	<i>PXDN</i>	7837	0.760	-0.872	< 0.001	< 0.001
225796_at	Hs.190544	<i>PXK</i>	54899	0.642	0.801	< 0.001	< 0.001
209123_at	Hs.75438	<i>QDPR</i>	5860	0.831	0.912	< 0.001	< 0.001
35156_at	Hs.458644	<i>R3HCC1</i>	203069	0.668	-0.817	< 0.001	< 0.001
202754_at	Hs.412462	<i>R3HDM1</i>	23518	0.859	-0.927	< 0.001	< 0.001
210714_at	Hs.412462	<i>R3HDM1</i>	23518	0.671	-0.819	< 0.001	< 0.001
240503_at	Hs.412462	<i>R3HDM1</i>	23518	0.622	-0.789	< 0.001	< 0.001
241320_at	Hs.412462	<i>R3HDM1</i>	23518	0.641	-0.801	< 0.001	< 0.001
203831_at	Hs.443673	<i>R3HDM2</i>	22864	0.674	-0.821	< 0.001	< 0.001
200864_s_at	Hs.321541	<i>RAB11A</i>	8766	0.615	-0.784	< 0.001	< 0.001
210879_s_at	Hs.24557	<i>RAB11FIP5</i>	26056	0.779	0.883	< 0.001	< 0.001
213405_at	Hs.529044	<i>RAB22A</i>	57403	0.604	0.777	< 0.001	< 0.001
223463_at	Hs.555016	<i>RAB23</i>	51715	0.619	-0.787	< 0.001	< 0.001
239202_at	Hs.123072	<i>RAB3B</i>	5865	0.768	-0.876	< 0.001	< 0.001
219807_x_at	Hs.631539	<i>RAB4B</i>	53916	0.678	0.824	< 0.001	< 0.001
233385_x_at	Hs.631539	<i>RAB4B</i>	53916 /// 654335	0.652	0.807	< 0.001	< 0.001
204478_s_at	Hs.90875	<i>RABIF</i>	5877	0.655	0.809	< 0.001	< 0.001
213970_at	Hs.444360	<i>RABL3</i> /// <i>LOC653256</i>	653256	0.611	0.782	< 0.001	< 0.001
208640_at	Hs.413812	<i>RAC1</i>	5879	0.635	0.797	< 0.001	< 0.001
206103_at	Hs.45002	<i>RAC3</i>	5881	0.705	-0.840	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
214435_x_at	Hs.6906	<i>RALA</i>	5898	0.644	-0.803	< 0.001	< 0.001
224880_at	Hs.6906	<i>RALA</i>	5898	0.917	-0.958	< 0.001	< 0.001
202100_at	Hs.469820	<i>RALB</i>	5899	0.796	0.892	< 0.001	< 0.001
202844_s_at	Hs.528993	<i>RALBP1</i>	10928	0.643	0.802	< 0.001	< 0.001
202845_s_at	Hs.528993	<i>RALBP1</i>	10928	0.845	0.919	< 0.001	< 0.001
226957_x_at	Hs.528993	<i>RALBP1</i>	10928	0.712	0.844	< 0.001	< 0.001
204199_at	Hs.432842	<i>RALGPS1</i>	9649	0.760	-0.872	< 0.001	< 0.001
227533_at	Hs.644008	<i>RALGPS2</i>	55103	0.846	-0.920	< 0.001	< 0.001
201713_s_at	Hs.590897	<i>RANBP2</i>	5903	0.719	0.848	< 0.001	< 0.001
202583_s_at	Hs.306242	<i>RANBP9</i>	10048	0.614	0.784	< 0.001	< 0.001
200833_s_at	Hs.369920	<i>RAP1B</i>	5908 /// 643752	0.762	-0.873	< 0.001	< 0.001
204681_s_at	Hs.642736	<i>RAPGEF5</i>	9771	0.702	0.838	< 0.001	< 0.001
225264_at	Hs.485910	<i>RARSL</i>	57038	0.710	-0.843	< 0.001	< 0.001
202677_at	Hs.553501	<i>RASA1</i>	5921	0.847	0.920	< 0.001	< 0.001
210621_s_at	Hs.553501	<i>RASA1</i>	5921	0.752	0.867	< 0.001	< 0.001
223467_at	Hs.25829	<i>RASD1</i>	51655	0.695	0.833	< 0.001	< 0.001
236748_at	Hs.190559	<i>RASGEF1C</i>	255426	0.620	-0.788	< 0.001	< 0.001
228109_at	Hs.162129	<i>RASGRF2</i>	5924	0.653	0.808	< 0.001	< 0.001
231851_at	Hs.591443	<i>RAVER2</i>	55225	0.804	-0.897	< 0.001	< 0.001
201092_at	Hs.495755	<i>RBBP7</i>	5931	0.660	0.812	< 0.001	< 0.001
235004_at	Hs.519904	<i>RBM24</i>	221662	0.775	-0.880	< 0.001	< 0.001
212104_s_at	—	<i>RBM9</i>	23543	0.600	-0.775	< 0.001	< 0.001
204759_at	Hs.25447	<i>RCBTB2</i>	1102	0.792	-0.890	< 0.001	< 0.001
218599_at	Hs.419259	<i>REC8L1</i>	9985	0.711	-0.843	< 0.001	< 0.001
204364_s_at	Hs.368884	<i>REEP1</i>	65055	0.621	-0.788	< 0.001	< 0.001
204365_s_at	Hs.368884	<i>REEP1</i>	65055	0.728	-0.853	< 0.001	< 0.001
227425_at	Hs.186810	<i>REPS2</i>	9185	0.815	0.903	< 0.001	< 0.001
208070_s_at	Hs.232021	<i>REV3L</i>	5980	0.718	-0.847	< 0.001	< 0.001
204127_at	Hs.115474	<i>RFC3</i>	5983	0.610	-0.781	< 0.001	< 0.001
223267_at	Hs.651262	<i>RG9MTD1</i>	54931	0.608	0.780	< 0.001	< 0.001
210751_s_at	Hs.77854	<i>RGN</i>	9104	0.641	0.801	< 0.001	< 0.001
212842_x_at	Hs.535589	<i>RGPD5</i> /// <i>RGPD4</i> /// <i>RGPD8</i> /// <i>RGPD6</i>	285190 /// 653086 /// 653596 /// 84220	0.625	0.790	< 0.001	< 0.001
220334_at	Hs.166313	<i>RGS17</i>	26575	0.826	-0.909	< 0.001	< 0.001
204337_at	Hs.386726	<i>RGS4</i>	5999	0.677	0.823	< 0.001	< 0.001
222995_s_at	Hs.488827	<i>RHBDD2</i>	57414	0.644	0.802	< 0.001	< 0.001
226312_at	Hs.407926	<i>RICTOR</i>	253260	0.642	0.801	< 0.001	< 0.001
204730_at	Hs.434924	<i>RIMS3</i>	9783	0.923	0.961	< 0.001	< 0.001
91816_f_at	Hs.436495	<i>RKHD1</i>	399664	0.645	-0.803	< 0.001	< 0.001
218247_s_at	Hs.465144	<i>RKHD2</i>	51320	0.680	-0.825	< 0.001	< 0.001
201785_at	Hs.78224	<i>RNASE1</i>	6035	0.653	0.808	< 0.001	< 0.001
212724_at	Hs.6838	<i>RND3</i>	390	0.691	-0.831	< 0.001	< 0.001
218761_at	Hs.404423	<i>RNF11</i>	54778	0.678	0.823	< 0.001	< 0.001
219263_at	Hs.496542	<i>RNF128</i>	79589	0.641	0.801	< 0.001	< 0.001
201779_s_at	Hs.12333	<i>RNF13</i>	11342	0.613	0.783	< 0.001	< 0.001
201780_s_at	Hs.12333	<i>RNF13</i>	11342	0.618	0.786	< 0.001	< 0.001
217865_at	Hs.484363	<i>RNF130</i>	55819	0.622	0.788	< 0.001	< 0.001
230143_at	Hs.501114	<i>RNF165</i>	494470	0.681	-0.825	< 0.001	< 0.001
203403_s_at	Hs.136885	<i>RNF6</i>	6049	0.779	0.883	< 0.001	< 0.001
213194_at	Hs.13640	<i>ROBO1</i>	6091	0.853	-0.924	< 0.001	< 0.001
226709_at	Hs.13305	<i>ROBO2</i>	6092	0.734	-0.857	< 0.001	< 0.001
226766_at	Hs.13305	<i>ROBO2</i>	6092	0.864	-0.930	< 0.001	< 0.001
240425_x_at	Hs.13305	<i>ROBO2</i>	6092	0.717	-0.847	< 0.001	< 0.001
244370_at	Hs.124128	<i>RP11-130N24.1</i>	340533	0.707	-0.841	< 0.001	< 0.001
219732_at	Hs.382683	<i>RP11-35N6.1</i>	54886	0.863	-0.929	< 0.001	< 0.001
228262_at	Hs.127951	<i>RP11-393H10.2</i>	256714	0.848	0.921	< 0.001	< 0.001
1557720_s_at	Hs.368522	<i>RP11-54H7.1</i>	23026	0.824	-0.908	< 0.001	< 0.001
215119_at	Hs.368522	<i>RP11-54H7.1</i>	23026	0.888	-0.943	< 0.001	< 0.001
231131_at	Hs.110069	<i>RP1-32F7.2</i>	286499	0.667	0.817	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
1553428_at	Hs.170081	<i>RP3-398D13.1</i>	285780	0.601	0.776	< 0.001	< 0.001
1556365_at	Hs.170081	<i>RP3-398D13.1</i>	285780	0.623	0.789	< 0.001	< 0.001
1556366_s_at	Hs.170081	<i>RP3-398D13.1</i>	285780	0.677	0.823	< 0.001	< 0.001
201528_at	Hs.461925	<i>RPA1</i>	6117	0.696	0.834	< 0.001	< 0.001
201529_s_at	Hs.461925	<i>RPA1</i>	6117	0.711	0.843	< 0.001	< 0.001
209507_at	Hs.487540	<i>RPA3</i>	6119	0.665	0.816	< 0.001	< 0.001
206196_s_at	Hs.500197	<i>RPIP8</i>	10900	0.677	0.823	< 0.001	< 0.001
213439_x_at	Hs.500197	<i>RPIP8</i>	10900	0.768	0.877	< 0.001	< 0.001
200088_x_at	Hs.408054	<i>RPL12</i>	6136	0.813	-0.902	< 0.001	< 0.001
200809_x_at	Hs.408054	<i>RPL12</i>	6136	0.798	-0.893	< 0.001	< 0.001
214271_x_at	Hs.408054	<i>RPL12</i>	6136	0.824	-0.908	< 0.001	< 0.001
200869_at	Hs.337766	<i>RPL18A</i> /// <i>LOC390354</i>	390354 /// 6142	0.612	-0.782	< 0.001	< 0.001
218830_at	Hs.546390	<i>RPL26L1</i>	51121	0.644	-0.802	< 0.001	< 0.001
200823_x_at	Hs.425125	<i>RPL29</i>	6159	0.781	-0.884	< 0.001	< 0.001
213969_x_at	Hs.425125	<i>RPL29</i>	6159	0.801	-0.895	< 0.001	< 0.001
208695_s_at	Hs.558387	<i>RPL39</i>	6170	0.711	-0.843	< 0.001	< 0.001
216215_s_at	Hs.282998	<i>RPL41</i>	6171	0.723	-0.850	< 0.001	< 0.001
224738_x_at	Hs.520133	<i>RPL7L1</i>	285855	0.604	-0.777	< 0.001	< 0.001
201033_x_at	Hs.546285	<i>RPLP0</i>	6175	0.753	-0.868	< 0.001	< 0.001
208856_x_at	Hs.546285	<i>RPLP0</i>	6175	0.739	-0.860	< 0.001	< 0.001
211720_x_at	Hs.546285	<i>RPLP0</i>	6175	0.730	-0.855	< 0.001	< 0.001
211972_x_at	Hs.546285	<i>RPLP0</i>	6175	0.755	-0.869	< 0.001	< 0.001
214167_s_at	Hs.448226	<i>RPLP0</i> /// <i>RPLP0</i> - <i>like</i>	220717 /// 6175	0.771	-0.878	< 0.001	< 0.001
200763_s_at	Hs.356502	<i>RPLP1</i>	6176	0.617	-0.785	< 0.001	< 0.001
219370_at	Hs.100890	<i>RPRM</i>	56475	0.903	-0.950	< 0.001	< 0.001
203107_x_at	Hs.498569	<i>RPS2</i>	6187	0.869	-0.932	< 0.001	< 0.001
212433_x_at	Hs.498569	<i>RPS2</i>	6187	0.874	-0.935	< 0.001	< 0.001
221798_x_at	Hs.498569	<i>RPS2</i>	644808	0.878	-0.937	< 0.001	< 0.001
217466_x_at	Hs.646394	<i>RPS2</i> /// <i>LOC91561</i> /// <i>LOC400963</i> /// <i>LOC440589</i> /// <i>LOC441013</i> /// <i>LOC645173</i> /// <i>LOC646294</i> /// <i>LOC650055</i> /// <i>LOC650901</i> /// <i>LOC729274</i> /// <i>LOC730799</i>	440589 /// 6187 /// 650901 /// 91561	0.841	-0.917	< 0.001	< 0.001
213801_x_at	Hs.530892	<i>RPSA</i> /// <i>LOC387867</i> /// <i>LOC388524</i> /// <i>LOC648249</i> /// <i>LOC730029</i>	387867 /// 388524 /// 3921 /// 646217 /// 648249	0.638	-0.799	< 0.001	< 0.001
208456_s_at	Hs.502004	<i>RRAS2</i>	22800	0.671	-0.819	< 0.001	< 0.001
212589_at	Hs.502004	<i>RRAS2</i>	6342	0.880	-0.938	< 0.001	< 0.001
212590_at	Hs.502004	<i>RRAS2</i>	22800	0.692	-0.832	< 0.001	< 0.001
226425_at	Hs.122927	<i>RSNL2</i>	79745	0.893	0.945	< 0.001	< 0.001
205528_s_at	Hs.368431	<i>RUNX1T1</i>	862	0.729	-0.854	< 0.001	< 0.001
205529_s_at	Hs.368431	<i>RUNX1T1</i>	862	0.796	-0.892	< 0.001	< 0.001
216831_s_at	Hs.368431	<i>RUNX1T1</i>	862	0.668	-0.818	< 0.001	< 0.001
244420_at	Hs.368431	<i>RUNX1T1</i>	862	0.671	-0.819	< 0.001	< 0.001
205334_at	Hs.515715	<i>S100A1</i>	6271	0.755	0.869	< 0.001	< 0.001
202797_at	Hs.156509	<i>SACM1L</i>	22908	0.729	0.854	< 0.001	< 0.001
227511_at	Hs.612332	<i>SAMD4B</i>	55095	0.600	0.775	< 0.001	< 0.001
213259_s_at	Hs.532781	<i>SARM1</i>	23098	0.730	-0.854	< 0.001	< 0.001
200802_at	Hs.531176	<i>SARS</i>	6301	0.612	0.782	< 0.001	< 0.001
231894_at	Hs.531176	<i>SARS</i>	6301	0.696	0.834	< 0.001	< 0.001
213435_at	Hs.516617	<i>SATB2</i>	23314	0.747	-0.864	< 0.001	< 0.001
235147_at	Hs.516617	<i>SATB2</i>	440928	0.852	-0.923	< 0.001	< 0.001
226169_at	Hs.577252	<i>SBF2</i>	81846	0.679	-0.824	< 0.001	< 0.001
226548_at	Hs.97837	<i>SBK1</i>	388228	0.753	-0.868	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
226549_at	Hs.97837	<i>SBK1</i>	388228	0.641	-0.801	< 0.001	< 0.001
221216_s_at	Hs.571874	<i>SCMH1</i>	22955	0.624	-0.790	< 0.001	< 0.001
1555246_a_at	Hs.22654	<i>SCN1A</i>	6323	0.612	0.782	< 0.001	< 0.001
210383_at	Hs.22654	<i>SCN1A</i>	6323	0.795	0.892	< 0.001	< 0.001
205508_at	Hs.436646	<i>SCN1B</i>	6324	0.870	0.933	< 0.001	< 0.001
210364_at	Hs.129783	<i>SCN2B</i>	6327	0.697	0.835	< 0.001	< 0.001
235225_at	Hs.129783	<i>SCN2B</i>	6327	0.754	0.868	< 0.001	< 0.001
210432_s_at	Hs.435274	<i>SCN3A</i>	6328	0.888	-0.942	< 0.001	< 0.001
236359_at	Hs.65239	<i>SCN4B</i>	6330	0.708	0.842	< 0.001	< 0.001
218217_at	Hs.514950	<i>SCPEP1</i>	59342	0.781	0.884	< 0.001	< 0.001
224961_at	Hs.506481	<i>SCYL2</i>	55681	0.705	-0.840	< 0.001	< 0.001
201093_x_at	Hs.440475	<i>SDHA</i>	6389	0.753	0.868	< 0.001	< 0.001
222021_x_at	—	<i>SDHALP1</i>	255812	0.661	0.813	< 0.001	< 0.001
242064_at	Hs.435719	<i>SDK2</i>	54549	0.851	-0.923	< 0.001	< 0.001
210169_at	Hs.512856	<i>SEC14L5</i>	9717	0.815	0.903	< 0.001	< 0.001
202061_s_at	Hs.181300	<i>SEL1L</i>	6400	0.677	0.823	< 0.001	< 0.001
226051_at	Hs.55940	<i>SELM</i>	140606	0.654	0.809	< 0.001	< 0.001
203789_s_at	Hs.269109	<i>SEMA3C</i>	10512	0.745	-0.863	< 0.001	< 0.001
222523_at	Hs.401388	<i>SENP2</i>	59343	0.692	0.832	< 0.001	< 0.001
201427_s_at	Hs.275775	<i>SEPP1</i>	6414	0.689	0.830	< 0.001	< 0.001
210657_s_at	Hs.287518	<i>SEPT4</i>	5414	0.803	0.896	< 0.001	< 0.001
213666_at	Hs.496666	<i>SEPT6</i>	23157	0.735	-0.857	< 0.001	< 0.001
209669_s_at	Hs.530412	<i>SERBP1</i>	26135	0.662	-0.814	< 0.001	< 0.001
221472_at	Hs.272168	<i>SERINC3</i>	10955	0.646	0.804	< 0.001	< 0.001
202656_s_at	Hs.645287	<i>SERTAD2</i>	9792	0.660	-0.812	< 0.001	< 0.001
202657_s_at	Hs.645287	<i>SERTAD2</i>	9792	0.650	-0.807	< 0.001	< 0.001
218346_s_at	Hs.591336	<i>SESN1</i>	27244	0.673	0.821	< 0.001	< 0.001
205933_at	Hs.435458	<i>SETBP1</i>	26040	0.685	-0.828	< 0.001	< 0.001
229651_at	Hs.21837	<i>SEZ6</i>	124925	0.778	-0.882	< 0.001	< 0.001
243430_at	Hs.21837	<i>SEZ6</i>	124925	0.605	-0.778	< 0.001	< 0.001
225850_at	Hs.487143	<i>SFT2D1</i>	113402	0.600	0.775	< 0.001	< 0.001
230973_at	Hs.591522	<i>SH2D5</i>	400745	0.905	0.951	< 0.001	< 0.001
225354_s_at	Hs.302772	<i>SH3BGRL2</i>	83699	0.810	0.900	< 0.001	< 0.001
209370_s_at	Hs.167679	<i>SH3BP2</i>	6452	0.655	-0.809	< 0.001	< 0.001
201811_x_at	Hs.257761	<i>SH3BP5</i>	9467	0.632	-0.795	< 0.001	< 0.001
205751_at	Hs.75149	<i>SH3GL2</i>	6456	0.810	0.900	< 0.001	< 0.001
209090_s_at	Hs.136309	<i>SH3GLB1</i>	—	0.682	-0.826	< 0.001	< 0.001
228461_at	Hs.171244	<i>SH3MD4</i>	344558	0.953	-0.976	< 0.001	< 0.001
230767_at	Hs.594708	<i>SH3PXD2A</i>	9644	0.749	-0.866	< 0.001	< 0.001
213307_at	Hs.268726	<i>SHANK2</i>	22941	0.746	-0.864	< 0.001	< 0.001
213308_at	Hs.268726	<i>SHANK2</i>	22941	0.821	-0.906	< 0.001	< 0.001
243681_at	Hs.268726	<i>SHANK2</i>	22941	0.813	-0.902	< 0.001	< 0.001
202896_s_at	Hs.581021	<i>SIRPA</i>	140885	0.712	0.844	< 0.001	< 0.001
228509_at	Hs.436306	<i>SKIP</i>	80309	0.794	-0.891	< 0.001	< 0.001
200711_s_at	Hs.171626	<i>SKP1A</i>	6500	0.836	0.914	< 0.001	< 0.001
200719_at	Hs.171626	<i>SKP1A</i>	6500	0.657	0.810	< 0.001	< 0.001
203760_s_at	Hs.75367	<i>SLA</i>	6503	0.921	-0.960	< 0.001	< 0.001
203761_at	Hs.75367	<i>SLA</i>	6503	0.929	-0.964	< 0.001	< 0.001
224843_at	Hs.479677	<i>SLAIN2</i>	57606	0.622	-0.789	< 0.001	< 0.001
210040_at	Hs.21413	<i>SLC12A5</i>	57468	0.622	0.789	< 0.001	< 0.001
204462_s_at	Hs.75317	<i>SLC16A2</i>	6567	0.819	-0.905	< 0.001	< 0.001
206882_at	Hs.515217	<i>SLC1A6</i>	6511	0.907	-0.953	< 0.001	< 0.001
201920_at	Hs.187946	<i>SLC20A1</i>	6574	0.713	0.844	< 0.001	< 0.001
219090_at	Hs.211252	<i>SLC24A3</i>	57419	0.954	-0.977	< 0.001	< 0.001
57588_at	Hs.211252	<i>SLC24A3</i>	57419	0.956	-0.978	< 0.001	< 0.001
204587_at	Hs.194686	<i>SLC25A14</i>	9016	0.623	0.789	< 0.001	< 0.001
1554161_at	—	<i>SLC25A27</i>	9481	0.604	0.777	< 0.001	< 0.001
230624_at	—	<i>SLC25A27</i>	9481	0.605	0.778	< 0.001	< 0.001
200030_s_at	Hs.290404	<i>SLC25A3</i>	5250	0.663	0.814	< 0.001	< 0.001
221020_s_at	Hs.292464	<i>SLC25A32</i>	81034	0.634	0.796	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
236436_at	Hs.435510	<i>SLC25A45</i>	283130	0.628	0.792	< 0.001	< 0.001
227281_at	Hs.4302	<i>SLC29A4</i>	222962	0.677	-0.823	< 0.001	< 0.001
221751_at	Hs.388400	<i>SLC2A3P1</i>	6516	0.673	-0.820	< 0.001	< 0.001
204204_at	Hs.24030	<i>SLC31A2</i>	1318	0.668	0.817	< 0.001	< 0.001
225881_at	Hs.490181	<i>SLC35B4</i>	84912	0.669	0.818	< 0.001	< 0.001
231238_at	Hs.128688	<i>SLC35E4</i>	339665	0.677	-0.823	< 0.001	< 0.001
228060_at	—	<i>SLC35F1</i>	222553	0.762	-0.873	< 0.001	< 0.001
202088_at	Hs.79136	<i>SLC39A6</i>	25800	0.654	-0.809	< 0.001	< 0.001
228486_at	Hs.573495	<i>SLC44A1</i>	23446	0.628	0.792	< 0.001	< 0.001
1552782_at	Hs.480188	<i>SLC44A5</i>	204962	0.840	-0.916	< 0.001	< 0.001
1569112_at	Hs.480188	<i>SLC44A5</i>	204962	0.779	-0.883	< 0.001	< 0.001
235763_at	Hs.480188	<i>SLC44A5</i>	204962	0.850	-0.922	< 0.001	< 0.001
225598_at	Hs.372492	<i>SLC45A4</i>	57210	0.717	0.847	< 0.001	< 0.001
218682_s_at	Hs.306000	<i>SLC4A1AP</i>	22950	0.606	0.778	< 0.001	< 0.001
205918_at	Hs.1176	<i>SLC4A3</i>	6508	0.708	-0.842	< 0.001	< 0.001
203580_s_at	Hs.334848	<i>SLC7A6</i>	9057	0.791	-0.889	< 0.001	< 0.001
1562403_a_at	Hs.337696	<i>SLC8A3</i>	6547	0.823	-0.907	< 0.001	< 0.001
209453_at	Hs.469116	<i>SLC9A1</i>	6548	0.613	0.783	< 0.001	< 0.001
209897_s_at	Hs.29802	<i>SLIT2</i>	9353	0.618	-0.786	< 0.001	< 0.001
205374_at	Hs.334629	<i>SLN</i>	6588	0.602	-0.776	< 0.001	< 0.001
227990_at	Hs.435342	<i>SLU7</i>	—	0.792	0.890	< 0.001	< 0.001
231718_at	Hs.435342	<i>SLU7</i>	10569	0.768	0.876	< 0.001	< 0.001
227798_at	Hs.519005	<i>SMAD1</i>	4086	0.773	-0.879	< 0.001	< 0.001
208970_s_at	Hs.36915	<i>SMAD3 /// UROD</i>	7389	0.697	0.835	< 0.001	< 0.001
208971_at	Hs.36915	<i>SMAD3 /// UROD</i>	7389	0.629	0.793	< 0.001	< 0.001
203874_s_at	Hs.152292	<i>SMARCA1</i>	6594	0.604	-0.777	< 0.001	< 0.001
203875_at	Hs.152292	<i>SMARCA1</i>	6594	0.641	-0.801	< 0.001	< 0.001
202303_x_at	Hs.589489	<i>SMARCA5</i>	8467	0.601	0.775	< 0.001	< 0.001
204099_at	Hs.647067	<i>SMARCD3</i>	6604	0.690	-0.830	< 0.001	< 0.001
211988_at	Hs.547509	<i>SMARCE1</i>	6605	0.617	-0.785	< 0.001	< 0.001
201664_at	Hs.58992	<i>SMC4</i>	10051	0.708	-0.841	< 0.001	< 0.001
222270_at	Hs.516182	<i>SMEK2</i>	57223	0.676	0.822	< 0.001	< 0.001
219695_at	Hs.368421	<i>SMPD3</i>	55512	0.793	-0.891	< 0.001	< 0.001
231732_at	Hs.368421	<i>SMPD3</i>	55512	0.697	-0.835	< 0.001	< 0.001
213139_at	Hs.360174	<i>SNAI2</i>	6591	0.690	-0.831	< 0.001	< 0.001
202507_s_at	Hs.167317	<i>SNAP25</i>	6616	0.700	0.837	< 0.001	< 0.001
202508_s_at	Hs.167317	<i>SNAP25</i>	6616	0.749	0.865	< 0.001	< 0.001
219511_s_at	Hs.426463	<i>SNCAIP</i>	9627	0.706	-0.840	< 0.001	< 0.001
207853_s_at	Hs.90297	<i>SNCB</i>	6620	0.721	0.849	< 0.001	< 0.001
209877_at	Hs.349470	<i>SNCG</i>	6623	0.774	0.880	< 0.001	< 0.001
218033_s_at	Hs.618526	<i>SNN</i>	8303	0.654	0.809	< 0.001	< 0.001
201522_x_at	Hs.564847	<i>SNRPN /// SNURF</i>	6638 /// 8926	0.791	0.889	< 0.001	< 0.001
213827_at	Hs.515364	<i>SNX26</i>	115703	0.694	-0.833	< 0.001	< 0.001
226249_at	Hs.522350	<i>SNX30</i>	401548	0.752	0.867	< 0.001	< 0.001
205573_s_at	Hs.197015	<i>SNX7</i>	51375	0.734	-0.857	< 0.001	< 0.001
203373_at	Hs.485572	<i>SOCS2</i>	8835	0.769	-0.877	< 0.001	< 0.001
226572_at	Hs.632261	<i>SOCS7</i>	30837	0.611	-0.781	< 0.001	< 0.001
200642_at	Hs.443914	<i>SOD1</i>	6647	0.766	0.875	< 0.001	< 0.001
1561403_at	Hs.120464	<i>SOHLH1</i>	402381	0.645	0.803	< 0.001	< 0.001
203509_at	Hs.368592	<i>SORL1</i>	6653	0.654	0.809	< 0.001	< 0.001
224818_at	Hs.485195	<i>SORT1</i>	6272	0.767	0.876	< 0.001	< 0.001
212780_at	Hs.278733	<i>SOS1</i>	6654	0.636	-0.797	< 0.001	< 0.001
237472_at	Hs.202526	<i>SOX1</i>	6656	0.758	-0.871	< 0.001	< 0.001
204913_s_at	Hs.432638	<i>SOX11</i>	6664	0.903	-0.950	< 0.001	< 0.001
204914_s_at	Hs.432638	<i>SOX11</i>	6664	0.956	-0.978	< 0.001	< 0.001
204915_s_at	Hs.432638	<i>SOX11</i>	6664	0.936	-0.967	< 0.001	< 0.001
204432_at	Hs.43627	<i>SOX12</i>	6666	0.805	-0.897	< 0.001	< 0.001
201416_at	Hs.643910	<i>SOX4</i>	6659	0.900	-0.949	< 0.001	< 0.001
201417_at	Hs.643910	<i>SOX4</i>	6659	0.875	-0.935	< 0.001	< 0.001
201418_s_at	Hs.643910	<i>SOX4</i>	6659	0.823	-0.907	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
213668_s_at	Hs.643910	SOX4	6659	0.851	-0.923	< 0.001	< 0.001
200665_s_at	Hs.111779	SPARC	6678	0.648	-0.805	< 0.001	< 0.001
212667_at	Hs.111779	SPARC	6678	0.875	-0.936	< 0.001	< 0.001
209748_at	Hs.468091	SPAST	6683	0.769	-0.877	< 0.001	< 0.001
204433_s_at	Hs.48513	SPATA2	9825	0.727	0.852	< 0.001	< 0.001
204434_at	Hs.48513	SPATA2	9825	0.664	0.815	< 0.001	< 0.001
217927_at	Hs.11125	SPCS1	28972	0.634	0.796	< 0.001	< 0.001
201239_s_at	Hs.282700	SPCS2 /// LOC653566	653566 /// 9789	0.747	0.864	< 0.001	< 0.001
205265_s_at	Hs.21639	SPEG	10290	0.614	-0.783	< 0.001	< 0.001
212526_at	Hs.440414	SPG20	23111	0.802	0.895	< 0.001	< 0.001
217827_s_at	Hs.242458	SPG21	51324	0.644	0.802	< 0.001	< 0.001
40273_at	—	SPHK2	56848	0.720	0.849	< 0.001	< 0.001
223173_at	Hs.632181	SPIN1	83985	0.732	-0.856	< 0.001	< 0.001
226342_at	Hs.503178	SPTBN1	6711	0.692	0.832	< 0.001	< 0.001
209218_at	Hs.71465	SQLE	6713	0.603	-0.776	< 0.001	< 0.001
204675_at	Hs.552	SRD5A1	6715	0.674	-0.821	< 0.001	< 0.001
211056_s_at	Hs.552	SRD5A1	6715	0.727	-0.853	< 0.001	< 0.001
233888_s_at	—	SRGAP1	57522	0.681	-0.825	< 0.001	< 0.001
213329_at	Hs.497575	SRGAP2	23380	0.783	-0.885	< 0.001	< 0.001
224607_s_at	Hs.514495	SRP68	6730	0.868	0.932	< 0.001	< 0.001
202200_s_at	Hs.443861	SRPK1	6732	0.733	-0.856	< 0.001	< 0.001
200918_s_at	Hs.591936	SRPR	6734	0.802	0.896	< 0.001	< 0.001
219205_at	Hs.461954	SRR	63826	0.722	-0.850	< 0.001	< 0.001
203787_at	Hs.102735	SSBP2	23635	0.823	-0.907	< 0.001	< 0.001
210829_s_at	Hs.102735	SSBP2	23635	0.722	-0.850	< 0.001	< 0.001
229744_at	Hs.591602	SSFA2	6744	0.698	0.835	< 0.001	< 0.001
219241_x_at	Hs.29173	SSH3	54961	0.605	0.778	< 0.001	< 0.001
213921_at	Hs.12409	SST	6750	0.733	-0.856	< 0.001	< 0.001
235591_at	Hs.248160	SSTR1	6751	0.731	-0.855	< 0.001	< 0.001
1555123_at	Hs.98265	ST6GAL2	84620	0.630	-0.794	< 0.001	< 0.001
228821_at	Hs.98265	ST6GAL2	—	0.856	-0.925	< 0.001	< 0.001
210073_at	Hs.408614	ST8SIA1	6489	0.640	0.800	< 0.001	< 0.001
239537_at	Hs.302341	ST8SIA2	8128	0.864	-0.930	< 0.001	< 0.001
230836_at	Hs.308628	ST8SIA4	7903	0.721	-0.849	< 0.001	< 0.001
206258_at	Hs.465025	ST8SIA5	29906	0.633	0.796	< 0.001	< 0.001
227606_s_at	Hs.16229	STAMBPL1	57559	0.747	0.864	< 0.001	< 0.001
227607_at	Hs.16229	STAMBPL1	57559	0.830	0.911	< 0.001	< 0.001
204548_at	Hs.521535	STAR	6770	0.715	0.845	< 0.001	< 0.001
213103_at	Hs.507704	STARD13	90627	0.632	0.795	< 0.001	< 0.001
223065_s_at	Hs.309753	STARD3NL	83930	0.701	-0.837	< 0.001	< 0.001
206118_at	Hs.80642	STAT4	6775	0.840	0.917	< 0.001	< 0.001
212549_at	Hs.632256	STAT5B	6777	0.630	0.794	< 0.001	< 0.001
204226_at	Hs.561815	STAU2	27067	0.677	0.823	< 0.001	< 0.001
229417_at	Hs.561815	STAU2	27067	0.706	0.840	< 0.001	< 0.001
225871_at	Hs.489051	STEAP2	261729	0.949	0.974	< 0.001	< 0.001
208855_s_at	Hs.508514	STK24	8428	0.640	0.800	< 0.001	< 0.001
223883_s_at	Hs.309767	STK31	56164	0.910	-0.954	< 0.001	< 0.001
202786_at	Hs.276271	STK39	27347	0.780	0.883	< 0.001	< 0.001
203000_at	Hs.521651	STMN2	11075	0.793	-0.890	< 0.001	< 0.001
203001_s_at	Hs.521651	STMN2	11075	0.855	-0.925	< 0.001	< 0.001
201060_x_at	Hs.253903	STOM	2040	0.616	0.785	< 0.001	< 0.001
201061_s_at	Hs.253903	STOM	2040	0.700	0.836	< 0.001	< 0.001
213413_at	Hs.44385	STON1	11037	0.606	-0.779	< 0.001	< 0.001
217934_x_at	Hs.592081	STUB1	10273	0.772	0.879	< 0.001	< 0.001
227625_s_at	Hs.592081	STUB1	10273	0.724	0.851	< 0.001	< 0.001
233049_x_at	Hs.592081	STUB1	10273	0.769	0.877	< 0.001	< 0.001
221500_s_at	Hs.307913	STX16	8675	0.624	0.790	< 0.001	< 0.001
230691_at	Hs.542230	STX1B2	112755	0.641	0.801	< 0.001	< 0.001
204690_at	Hs.431109	STX8	9482	0.692	0.832	< 0.001	< 0.001
215518_at	Hs.477315	STXBP5L	9515	0.746	0.864	< 0.001	< 0.001



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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
229360_at	Hs.43834	<i>SUHW2</i>	140883	0.666	0.816	< 0.001	< 0.001
201836_s_at	Hs.6232	<i>SUPT7L</i>	9913	0.736	0.858	< 0.001	< 0.001
201837_s_at	Hs.6232	<i>SUPT7L</i>	9913	0.632	0.795	< 0.001	< 0.001
221914_at	Hs.225936	<i>SYN1</i>	6853	0.633	0.795	< 0.001	< 0.001
210247_at	Hs.445503	<i>SYN2</i>	6854	0.751	0.866	< 0.001	< 0.001
230297_x_at	Hs.586264	<i>SYNGAP1</i>	8831	0.677	-0.823	< 0.001	< 0.001
204287_at	Hs.216226	<i>SYNGR1</i>	9145	0.684	0.827	< 0.001	< 0.001
212990_at	Hs.473632	<i>SYNJ1</i>	8867	0.743	0.862	< 0.001	< 0.001
210612_s_at	Hs.434494	<i>SYNJ2</i>	8871	0.794	0.891	< 0.001	< 0.001
212828_at	Hs.434494	<i>SYNJ2</i>	8871	0.830	0.911	< 0.001	< 0.001
240257_at	Hs.434494	<i>SYNJ2</i>	8871	0.662	0.814	< 0.001	< 0.001
225894_at	Hs.480615	<i>SYNPO2</i>	171024	0.800	0.895	< 0.001	< 0.001
225895_at	Hs.480615	<i>SYNPO2</i>	171024	0.641	0.800	< 0.001	< 0.001
227662_at	Hs.480615	<i>SYNPO2</i>	171024	0.783	0.885	< 0.001	< 0.001
228072_at	Hs.287636	<i>SYT12</i>	91683	0.783	0.885	< 0.001	< 0.001
205613_at	Hs.258326	<i>SYT17</i>	51760	0.703	-0.839	< 0.001	< 0.001
229053_at	Hs.258326	<i>SYT17</i>	51760	0.625	-0.791	< 0.001	< 0.001
223901_at	Hs.515554	<i>SYT3</i>	84258	0.698	-0.835	< 0.001	< 0.001
244227_at	Hs.370963	<i>SYT6</i>	148281	0.641	-0.801	< 0.001	< 0.001
1563658_a_at	Hs.177193	<i>SYT9</i>	143425	0.655	0.809	< 0.001	< 0.001
225496_s_at	Hs.369520	<i>SYTL2</i>	54843	0.730	0.854	< 0.001	< 0.001
232914_s_at	Hs.369520	<i>SYTL2</i>	54843	0.734	0.857	< 0.001	< 0.001
1554690_a_at	Hs.279245	<i>TACC1</i>	6867	0.702	0.838	< 0.001	< 0.001
200911_s_at	Hs.279245	<i>TACC1</i>	6867	0.803	0.896	< 0.001	< 0.001
202289_s_at	Hs.501252	<i>TACC2</i>	10579	0.703	-0.838	< 0.001	< 0.001
235020_at	Hs.369519	<i>TAF4B</i>	6875	0.689	0.830	< 0.001	< 0.001
200916_at	Hs.517168	<i>TAGLN2</i>	8407	0.808	-0.899	< 0.001	< 0.001
204743_at	Hs.169330	<i>TAGLN3</i>	29114	0.868	0.932	< 0.001	< 0.001
224952_at	Hs.410889	<i>TANC2</i>	26115	0.624	-0.790	< 0.001	< 0.001
203648_at	Hs.475401	<i>TATDN2</i>	9797	0.650	-0.806	< 0.001	< 0.001
200976_s_at	Hs.34576	<i>TAX1BP1</i>	8887	0.762	0.873	< 0.001	< 0.001
218268_at	Hs.284630	<i>TBC1D15</i>	64786	0.702	0.838	< 0.001	< 0.001
228488_at	Hs.369819	<i>TBC1D16</i>	125058	0.617	-0.786	< 0.001	< 0.001
212052_s_at	Hs.155829	<i>TBC1D9B</i>	23061	0.666	0.816	< 0.001	< 0.001
242002_at	Hs.269722	<i>TCBA1</i>	154215	0.852	-0.923	< 0.001	< 0.001
203919_at	Hs.505004	<i>TCEA2</i>	6919	0.660	0.813	< 0.001	< 0.001
227279_at	Hs.311776	<i>TCEAL3</i>	85012	0.874	0.935	< 0.001	< 0.001
203753_at	Hs.569908	<i>TCF4</i>	6925	0.710	-0.842	< 0.001	< 0.001
222146_s_at	Hs.569908	<i>TCF4</i>	6925	0.728	-0.853	< 0.001	< 0.001
204849_at	Hs.646274	<i>TCFL5</i>	10732	0.673	0.820	< 0.001	< 0.001
203743_s_at	Hs.584809	<i>TDG</i>	6996	0.803	-0.896	< 0.001	< 0.001
203742_s_at	Hs.173824	<i>TDG</i> /// <i>LOC645233</i> /// <i>LOC732360</i>	6996	0.610	-0.781	< 0.001	< 0.001
201174_s_at	Hs.301419	<i>TERF2IP</i>	54386	0.774	0.880	< 0.001	< 0.001
218872_at	Hs.525709	<i>TESC</i>	54997	0.652	0.807	< 0.001	< 0.001
209215_at	Hs.632581	<i>TETTRAN</i>	10227	0.720	-0.849	< 0.001	< 0.001
218996_at	Hs.590939	<i>TFPT</i>	29844	0.648	0.805	< 0.001	< 0.001
210215_at	Hs.544932	<i>TFR2</i>	7036	0.730	-0.854	< 0.001	< 0.001
244492_at	Hs.584811	<i>TG</i>	7038	0.618	-0.786	< 0.001	< 0.001
212043_at	Hs.593382	<i>TGOLN2</i>	10618	0.717	0.847	< 0.001	< 0.001
219596_at	Hs.591123	<i>THAP10</i>	56906	0.662	0.814	< 0.001	< 0.001
220417_s_at	Hs.435759	<i>THAP4</i> /// <i>LOC728944</i>	51078 /// 653206	0.631	0.794	< 0.001	< 0.001
201108_s_at	Hs.164226	<i>THBS1</i>	7057	0.711	-0.843	< 0.001	< 0.001
201109_s_at	Hs.164226	<i>THBS1</i>	7057	0.642	-0.801	< 0.001	< 0.001
201110_s_at	Hs.164226	<i>THBS1</i>	7057	0.819	-0.905	< 0.001	< 0.001
204776_at	Hs.211426	<i>THBS4</i>	7060	0.789	0.888	< 0.001	< 0.001
204565_at	Hs.9676	<i>THEM2</i>	55856	0.743	0.862	< 0.001	< 0.001
201987_at	Hs.282678	<i>THRAP1</i>	9969	0.686	-0.828	< 0.001	< 0.001
212208_at	Hs.159799	<i>THRAP2</i>	23389	0.693	-0.833	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
213043_s_at	Hs.462983	<i>THRAP4</i>	9862	0.639	-0.799	< 0.001	< 0.001
214920_at	Hs.648482	<i>THSD7A</i>	221981	0.689	-0.830	< 0.001	< 0.001
232327_at	Hs.68533	<i>THSD7B</i>	80731	0.680	-0.825	< 0.001	< 0.001
218491_s_at	Hs.13645	<i>THYN1</i>	29087	0.828	0.910	< 0.001	< 0.001
223711_s_at	Hs.13645	<i>THYN1</i>	29087	0.759	0.871	< 0.001	< 0.001
224560_at	Hs.633514	<i>TIMP2</i>	7077	0.746	-0.864	< 0.001	< 0.001
231579_s_at	Hs.633514	<i>TIMP2</i>	7077	0.738	-0.859	< 0.001	< 0.001
208699_x_at	Hs.89643	<i>TKT</i>	7086	0.657	0.810	< 0.001	< 0.001
212770_at	Hs.287362	<i>TLE3</i>	7090	0.807	-0.898	< 0.001	< 0.001
228340_at	Hs.287362	<i>TLE3</i>	7090	0.781	-0.884	< 0.001	< 0.001
215008_at	Hs.154296	<i>TLL2</i>	7093	0.643	0.802	< 0.001	< 0.001
208943_s_at	Hs.592561	<i>TLOC1</i>	7095	0.703	0.838	< 0.001	< 0.001
1558102_at	Hs.513094	<i>TM6SF1</i>	53346	0.716	-0.846	< 0.001	< 0.001
205122_at	Hs.336224	<i>TMEFF1</i>	8577	0.683	-0.826	< 0.001	< 0.001
239575_at	Hs.12449	<i>TMEM10</i>	93377	0.705	0.839	< 0.001	< 0.001
223524_s_at	—	<i>TMEM108</i>	66000	0.736	-0.858	< 0.001	< 0.001
201361_at	Hs.13662	<i>TMEM109</i>	79073	0.688	0.830	< 0.001	< 0.001
223594_at	Hs.444668	<i>TMEM117</i>	84216	0.719	-0.848	< 0.001	< 0.001
221622_s_at	Hs.525063	<i>TMEM126B</i>	55863	0.725	0.851	< 0.001	< 0.001
238426_at	Hs.270753	<i>TMEM130</i>	222865	0.771	0.878	< 0.001	< 0.001
212507_at	Hs.469376	<i>TMEM131</i>	23505	0.669	-0.818	< 0.001	< 0.001
218834_s_at	Hs.118552	<i>TMEM132A</i>	54972	0.672	-0.820	< 0.001	< 0.001
236824_at	Hs.524838	<i>TMEM132B</i>	114795	0.747	-0.864	< 0.001	< 0.001
232313_at	Hs.49599	<i>TMEM132C</i>	92293	0.733	0.856	< 0.001	< 0.001
1562608_at	Hs.176227	<i>TMEM144</i>	55314	0.648	0.805	< 0.001	< 0.001
228624_at	Hs.176227	<i>TMEM144</i>	55314	0.754	0.868	< 0.001	< 0.001
1553479_at	Hs.382075	<i>TMEM145</i>	284339	0.723	-0.850	< 0.001	< 0.001
223106_at	Hs.519557	<i>TMEM14C</i>	51522	0.614	0.783	< 0.001	< 0.001
223105_s_at	Hs.472165	<i>TMEM14C</i> /// <i>C20orf7</i> /// <i>TMEM14B</i>	51522 /// 81853	0.671	0.819	< 0.001	< 0.001
213338_at	Hs.35861	<i>TMEM158</i>	25907	0.667	-0.816	< 0.001	< 0.001
1552626_a_at	Hs.369471	<i>TMEM163</i>	81615	0.755	-0.869	< 0.001	< 0.001
223503_at	Hs.369471	<i>TMEM163</i>	81615	0.751	-0.866	< 0.001	< 0.001
218962_s_at	Hs.121847	<i>TMEM168</i>	64418	0.638	-0.799	< 0.001	< 0.001
1563549_a_at	Hs.590990	<i>TMEM16H</i>	57719	0.715	-0.846	< 0.001	< 0.001
226647_at	Hs.564188	<i>TMEM25</i>	84866	0.746	0.863	< 0.001	< 0.001
226338_at	Hs.202517	<i>TMEM55A</i>	55529	0.712	0.844	< 0.001	< 0.001
237515_at	Hs.483512	<i>TMEM56</i>	148534	0.705	0.840	< 0.001	< 0.001
223043_at	Hs.250905	<i>TMEM85</i>	51234	0.668	0.818	< 0.001	< 0.001
223857_x_at	Hs.250905	<i>TMEM85</i>	51234	0.716	0.846	< 0.001	< 0.001
223077_at	Hs.4998	<i>TMOD3</i>	29766	0.678	-0.823	< 0.001	< 0.001
203432_at	Hs.11355	<i>TMPO</i>	7112	0.641	0.801	< 0.001	< 0.001
205347_s_at	Hs.56145	<i>TMSL8</i>	11013	0.774	-0.880	< 0.001	< 0.001
201645_at	Hs.143250	<i>TNC</i>	3371	0.768	-0.876	< 0.001	< 0.001
216005_at	Hs.143250	<i>TNC</i>	3371	0.642	-0.801	< 0.001	< 0.001
218228_s_at	Hs.329327	<i>TNKS2</i>	80351	0.721	-0.849	< 0.001	< 0.001
215389_s_at	Hs.533613	<i>TNNT2</i>	7139	0.633	0.796	< 0.001	< 0.001
215045_at	Hs.26047	<i>TNRC4</i>	11189	0.686	-0.828	< 0.001	< 0.001
227156_at	Hs.592375	<i>TNRC8</i>	27325	0.788	-0.887	< 0.001	< 0.001
214774_x_at	Hs.460789	<i>TNRC9</i>	27324	0.710	-0.842	< 0.001	< 0.001
215108_x_at	Hs.460789	<i>TNRC9</i>	27324	0.648	-0.805	< 0.001	< 0.001
216623_x_at	Hs.460789	<i>TNRC9</i>	27324	0.672	-0.820	< 0.001	< 0.001
222469_s_at	Hs.368527	<i>TOLLIP</i>	54472	0.757	0.870	< 0.001	< 0.001
211987_at	Hs.475733	<i>TOP2B</i>	7155	0.636	-0.798	< 0.001	< 0.001
209593_s_at	Hs.252682	<i>TOR1B</i>	27348	0.747	-0.864	< 0.001	< 0.001
227907_at	Hs.440968	<i>TP53BP1</i>	7158	0.612	0.782	< 0.001	< 0.001
203421_at	Hs.554791	<i>TP53111</i>	9537	0.630	-0.794	< 0.001	< 0.001
203476_at	Hs.82128	<i>TPBG</i>	7162	0.608	0.780	< 0.001	< 0.001
201688_s_at	Hs.368433	<i>TPD52</i>	7163	0.667	0.816	< 0.001	< 0.001
201689_s_at	Hs.368433	<i>TPD52</i>	7163	0.764	0.874	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
201690_s_at	Hs.368433	<i>TPD52</i>	7163	0.920	0.959	< 0.001	< 0.001
201691_s_at	Hs.368433	<i>TPD52</i>	7163	0.786	0.886	< 0.001	< 0.001
236655_at	Hs.368433	<i>TPD52</i>	7163	0.829	0.910	< 0.001	< 0.001
203786_s_at	Hs.591347	<i>TPD52L1</i>	7164	0.669	0.818	< 0.001	< 0.001
210372_s_at	Hs.591347	<i>TPD52L1</i>	7164	0.654	0.809	< 0.001	< 0.001
200742_s_at	Hs.523454	<i>TPP1</i>	1200	0.695	0.834	< 0.001	< 0.001
206179_s_at	Hs.591746	<i>TPPP</i>	11076	0.690	0.831	< 0.001	< 0.001
230104_s_at	Hs.591746	<i>TPPP</i>	11076	0.789	0.888	< 0.001	< 0.001
202478_at	Hs.467751	<i>TRIB2</i>	28951	0.699	-0.836	< 0.001	< 0.001
204391_x_at	Hs.490287	<i>TRIM24</i>	8805	0.741	-0.861	< 0.001	< 0.001
213301_x_at	Hs.490287	<i>TRIM24</i>	8805	0.790	-0.889	< 0.001	< 0.001
238147_at	Hs.287735	<i>TRIM46</i>	80128	0.752	-0.867	< 0.001	< 0.001
208178_x_at	Hs.130031	<i>TRIO</i>	7204	0.804	-0.897	< 0.001	< 0.001
209011_at	Hs.130031	<i>TRIO</i>	7204	0.857	-0.926	< 0.001	< 0.001
209012_at	Hs.130031	<i>TRIO</i>	7204	0.650	-0.806	< 0.001	< 0.001
209013_x_at	Hs.130031	<i>TRIO</i>	7204	0.837	-0.915	< 0.001	< 0.001
219324_at	Hs.632778	<i>TRIOBP</i> /// <i>NOL12</i>	11078 /// 79159	0.743	-0.862	< 0.001	< 0.001
201546_at	Hs.591633	<i>TRIP12</i>	9320	0.608	0.780	< 0.001	< 0.001
1559405_a_at	Hs.638966	<i>TRPV6</i>	55503	0.633	0.796	< 0.001	< 0.001
223109_at	Hs.632685	<i>TRUB2</i>	26995	0.694	0.833	< 0.001	< 0.001
223392_s_at	Hs.278436	<i>TSHZ3</i>	57616	0.669	-0.818	< 0.001	< 0.001
221002_s_at	—	<i>TSPAN14</i>	81619	0.886	-0.942	< 0.001	< 0.001
223314_at	—	<i>TSPAN14</i>	81619	0.694	-0.833	< 0.001	< 0.001
227236_at	Hs.310458	<i>TSPAN2</i>	10100	0.807	-0.899	< 0.001	< 0.001
225775_at	Hs.27267	<i>TSPAN33</i>	340348	0.608	0.780	< 0.001	< 0.001
209263_x_at	Hs.437594	<i>TSPAN4</i>	7106	0.697	-0.835	< 0.001	< 0.001
225387_at	Hs.591706	<i>TSPAN5</i>	10098	0.691	0.832	< 0.001	< 0.001
1560648_s_at	Hs.458358	<i>TSPYL1</i>	7259	0.731	0.855	< 0.001	< 0.001
221493_at	Hs.458358	<i>TSPYL1</i>	7259	0.645	0.803	< 0.001	< 0.001
218012_at	Hs.136164	<i>TSPYL2</i>	64061	0.716	0.846	< 0.001	< 0.001
213079_at	Hs.522662	<i>TSR2</i>	90121	0.896	0.947	< 0.001	< 0.001
1557073_s_at	Hs.511837	<i>TTBK2</i>	146057	0.748	0.865	< 0.001	< 0.001
213922_at	Hs.511837	<i>TTBK2</i>	146057	0.630	0.794	< 0.001	< 0.001
201434_at	Hs.519718	<i>TTC1</i>	7265	0.883	0.939	< 0.001	< 0.001
219481_at	Hs.424788	<i>TTC13</i>	79573	0.606	-0.779	< 0.001	< 0.001
224849_at	Hs.191186	<i>TTC17</i>	55761	0.648	-0.805	< 0.001	< 0.001
232323_s_at	Hs.191186	<i>TTC17</i>	55761	0.640	-0.800	< 0.001	< 0.001
213058_at	Hs.387856	<i>TTC28</i>	23331	0.641	-0.800	< 0.001	< 0.001
215146_s_at	Hs.387856	<i>TTC28</i>	23331	0.697	-0.835	< 0.001	< 0.001
203584_at	Hs.232002	<i>TTC35</i>	9694	0.603	0.776	< 0.001	< 0.001
213172_at	Hs.79170	<i>TTC9</i>	23508	0.780	-0.883	< 0.001	< 0.001
229523_at	Hs.346566	<i>TTMA</i>	645369	0.764	-0.874	< 0.001	< 0.001
202266_at	Hs.403010	<i>TTRAP</i>	51567	0.764	0.874	< 0.001	< 0.001
209118_s_at	Hs.651286	<i>TUBA3</i>	7846	0.835	-0.914	< 0.001	< 0.001
209026_x_at	Hs.636480	<i>TUBB</i>	203068	0.881	-0.938	< 0.001	< 0.001
211714_x_at	Hs.636480	<i>TUBB</i>	203068	0.878	-0.937	< 0.001	< 0.001
212320_at	Hs.636480	<i>TUBB</i>	203068	0.838	-0.916	< 0.001	< 0.001
204141_at	—	<i>TUBB2A</i>	7280	0.749	-0.865	< 0.001	< 0.001
209372_x_at	Hs.300701	<i>TUBB2A</i> /// <i>TUBB2B</i>	347733 /// 7280	0.811	-0.900	< 0.001	< 0.001
208977_x_at	Hs.433615	<i>TUBB2C</i>	10383	0.772	-0.879	< 0.001	< 0.001
213726_x_at	Hs.433615	<i>TUBB2C</i>	10383	0.773	-0.879	< 0.001	< 0.001
202154_x_at	Hs.511743	<i>TUBB3</i>	10381	0.827	-0.909	< 0.001	< 0.001
213476_x_at	Hs.511743	<i>TUBB3</i>	10381	0.830	-0.911	< 0.001	< 0.001
225302_at	Hs.440534	<i>TXNDC10</i>	54495	0.797	0.893	< 0.001	< 0.001
201581_at	Hs.169358	<i>TXNDC13</i>	56255	0.921	0.960	< 0.001	< 0.001
201175_at	—	<i>TXNDC14</i>	51075	0.661	0.813	< 0.001	< 0.001
227141_at	Hs.348411	<i>TYW3</i>	127253	0.724	0.851	< 0.001	< 0.001
200633_at	Hs.356190	<i>UBB</i>	7314	0.652	0.807	< 0.001	< 0.001
222602_at	Hs.212774	<i>UBE1L2</i>	55236	0.709	-0.842	< 0.001	< 0.001

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Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
217823_s_at	Hs.163776	<i>UBE2J1</i>	51465	0.683	-0.827	< 0.001	< 0.001
217824_at	Hs.163776	<i>UBE2J1</i>	51465	0.760	-0.872	< 0.001	< 0.001
203109_at	Hs.406068	<i>UBE2M</i>	9040	0.606	0.779	< 0.001	< 0.001
217978_s_at	Hs.607928	<i>UBE2Q1</i>	55585	0.887	0.942	< 0.001	< 0.001
201535_at	Hs.145575	<i>UBL3</i>	5412	0.710	0.843	< 0.001	< 0.001
224827_at	Hs.179852	<i>UBTD2</i>	—	0.799	-0.894	< 0.001	< 0.001
225982_at	Hs.89781	<i>UBTF</i>	7343	0.668	-0.817	< 0.001	< 0.001
218050_at	Hs.643655	<i>UFM1</i>	51569	0.850	-0.922	< 0.001	< 0.001
205480_s_at	Hs.516217	<i>UGP2</i>	7360	0.805	0.897	< 0.001	< 0.001
204062_s_at	Hs.168762	<i>ULK2</i>	9706	0.754	-0.868	< 0.001	< 0.001
212144_at	Hs.517622	<i>UNC84B</i>	25777	0.674	0.821	< 0.001	< 0.001
205849_s_at	Hs.131255	<i>UQCRB</i>	7381	0.612	0.783	< 0.001	< 0.001
201903_at	Hs.119251	<i>UQCRC1</i>	7384	0.607	0.779	< 0.001	< 0.001
225413_at	Hs.500921	<i>USMG5</i>	84833	0.673	0.820	< 0.001	< 0.001
226652_at	Hs.458499	<i>USP3</i>	9960	0.635	-0.797	< 0.001	< 0.001
226176_s_at	Hs.31856	<i>USP42</i>	84132	0.606	-0.778	< 0.001	< 0.001
226669_at	Hs.31856	<i>USP42</i>	84132	0.605	-0.778	< 0.001	< 0.001
204761_at	Hs.498661	<i>USP6NL</i>	9712	0.723	-0.850	< 0.001	< 0.001
238164_at	Hs.498661	<i>USP6NL</i>	9712	0.682	-0.826	< 0.001	< 0.001
205139_s_at	Hs.557541	<i>UST</i>	10090	0.685	-0.828	< 0.001	< 0.001
207100_s_at	Hs.20021	<i>VAMP1</i>	6843	0.784	0.885	< 0.001	< 0.001
213326_at	Hs.20021	<i>VAMP1</i>	6843	0.916	0.957	< 0.001	< 0.001
226200_at	Hs.597526	<i>VARSL</i>	57176	0.606	-0.779	< 0.001	< 0.001
203940_s_at	Hs.525479	<i>VASH1</i>	22846	0.761	-0.872	< 0.001	< 0.001
226063_at	Hs.369921	<i>VAV2</i>	7410	0.703	-0.838	< 0.001	< 0.001
1556228_a_at	Hs.632066	<i>VCPIP1</i>	80124	0.663	0.814	< 0.001	< 0.001
203292_s_at	Hs.234282	<i>VPS11</i>	55823	0.627	0.792	< 0.001	< 0.001
201807_at	Hs.499925	<i>VPS26A</i>	9559	0.700	0.837	< 0.001	< 0.001
217727_x_at	Hs.454528	<i>VPS35</i>	55737	0.679	0.824	< 0.001	< 0.001
222388_s_at	Hs.454528	<i>VPS35</i>	55737	0.723	0.850	< 0.001	< 0.001
233864_s_at	Hs.454528	<i>VPS35</i>	55737	0.622	0.789	< 0.001	< 0.001
221704_s_at	Hs.507162	<i>VPS37B</i>	79720	0.734	-0.856	< 0.001	< 0.001
203797_at	Hs.444212	<i>VSNL1</i>	7447	0.699	0.836	< 0.001	< 0.001
224813_at	Hs.143728	<i>WASL</i>	8976	0.710	0.843	< 0.001	< 0.001
209117_at	Hs.514489	<i>WBP2</i>	23558	0.792	0.890	< 0.001	< 0.001
200609_s_at	Hs.128548	<i>WDR1</i>	9948	0.872	-0.934	< 0.001	< 0.001
200611_s_at	Hs.128548	<i>WDR1</i>	9948	0.791	-0.889	< 0.001	< 0.001
224703_at	Hs.509780	<i>WDR22</i>	8816	0.613	-0.783	< 0.001	< 0.001
218882_s_at	Hs.310809	<i>WDR3</i>	10885	0.663	-0.814	< 0.001	< 0.001
224789_at	Hs.651274	<i>WDR40A</i>	25853	0.742	-0.861	< 0.001	< 0.001
202249_s_at	Hs.632447	<i>WDR42A</i>	50717	0.607	0.779	< 0.001	< 0.001
209216_at	Hs.632807	<i>WDR45</i>	11152	0.639	0.799	< 0.001	< 0.001
209217_s_at	Hs.632807	<i>WDR45</i>	11152	0.664	0.815	< 0.001	< 0.001
235850_at	—	<i>WDR5B</i>	54554	0.672	0.820	< 0.001	< 0.001
217734_s_at	—	<i>WDR6</i>	11180	0.624	-0.790	< 0.001	< 0.001
221745_at	Hs.410596	<i>WDR68</i>	10238	0.625	-0.791	< 0.001	< 0.001
224748_at	Hs.410596	<i>WDR68</i>	10238	0.679	-0.824	< 0.001	< 0.001
209054_s_at	Hs.113876	<i>WHSC1</i>	7468	0.704	-0.839	< 0.001	< 0.001
212049_at	Hs.421622	<i>WIPF2</i>	147179	0.632	0.795	< 0.001	< 0.001
212050_at	Hs.421622	<i>WIPF2</i>	147179	0.668	0.817	< 0.001	< 0.001
212051_at	Hs.421622	<i>WIPF2</i>	147179	0.637	0.798	< 0.001	< 0.001
202031_s_at	Hs.122363	<i>WIPI2</i>	26100	0.727	0.853	< 0.001	< 0.001
204710_s_at	Hs.122363	<i>WIPI2</i>	26100	0.694	0.833	< 0.001	< 0.001
201760_s_at	Hs.506985	<i>WSB2</i>	55884	0.631	-0.794	< 0.001	< 0.001
213085_s_at	Hs.484047	<i>WWC1</i>	23286	0.864	-0.930	< 0.001	< 0.001
216074_x_at	Hs.484047	<i>WWC1</i>	23286	0.693	-0.833	< 0.001	< 0.001
236725_at	Hs.484047	<i>WWC1</i>	23286	0.657	-0.810	< 0.001	< 0.001
1554762_a_at	Hs.333179	<i>WWC2</i>	80014	0.660	-0.813	< 0.001	< 0.001
237802_at	Hs.130197	<i>XKR4</i>	114786	0.894	-0.946	< 0.001	< 0.001
209045_at	Hs.390623	<i>XPNPEP1</i>	7511	0.761	-0.872	< 0.001	< 0.001

**Appendix 5** to Choi KH, Zepp ME, Higgs BW, et al. Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. *J Psychiatry Neurosci* 2009;34:450–8.

**Table S1: A set of genes associated with age in the prefrontal cortices of humans ( $q < 0.001$  and  $r^2 > 0.6$ )**

Probeset	UniGene ID	Gene symbol	Entrez Gene	$r^2$	$r$	$p$ value	$q$ value
212048_s_at	Hs.213264	YARS	8565	0.645	0.803	< 0.001	< 0.001
208627_s_at	Hs.473583	YBX1	4904	0.908	-0.953	< 0.001	< 0.001
208628_s_at	Hs.473583	YBX1	4904	0.914	-0.956	< 0.001	< 0.001
213996_at	Hs.517436	YPEL1	29799	0.779	-0.883	< 0.001	< 0.001
228296_at	Hs.517436	YPEL1	29799	0.777	-0.882	< 0.001	< 0.001
228788_at	Hs.517436	YPEL1	29799	0.866	-0.931	< 0.001	< 0.001
227020_at	Hs.463613	YPEL2	388403	0.770	0.877	< 0.001	< 0.001
223179_at	Hs.513491	YPEL3	83719	0.709	0.842	< 0.001	< 0.001
235916_at	Hs.135978	YPEL4	219539	0.790	0.889	< 0.001	< 0.001
217783_s_at	Hs.515890	YPEL5	51646	0.622	0.789	< 0.001	< 0.001
201901_s_at	Hs.388927	YY1	7528	0.678	-0.824	< 0.001	< 0.001
227608_at	Hs.584927	YY1AP1	55249	0.689	0.830	< 0.001	< 0.001
227111_at	Hs.177633	ZBTB34	403341	0.736	-0.858	< 0.001	< 0.001
225845_at	Hs.647215	ZBTB44	29068	0.623	-0.790	< 0.001	< 0.001
227329_at	Hs.585028	ZBTB46	140685	0.787	-0.887	< 0.001	< 0.001
219186_at	Hs.591384	ZBTB7A	51341	0.820	0.905	< 0.001	< 0.001
226554_at	Hs.591384	ZBTB7A	51341	0.850	0.922	< 0.001	< 0.001
235142_at	Hs.546479	ZBTB8 /// LOC730411	653121	0.866	-0.930	< 0.001	< 0.001
228280_at	Hs.512833	ZC3HAV1L	92092	0.691	-0.831	< 0.001	< 0.001
212704_at	Hs.476164	ZCCHC11	23318	0.604	-0.777	< 0.001	< 0.001
212655_at	Hs.156231	ZCCHC14	23174	0.734	-0.857	< 0.001	< 0.001
223212_at	Hs.76662	ZDHHC16	84287	0.633	-0.795	< 0.001	< 0.001
217781_s_at	Hs.511143	ZFP106	64397	0.692	0.832	< 0.001	< 0.001
219877_at	Hs.591850	ZMAT4	79698	0.662	0.814	< 0.001	< 0.001
212124_at	Hs.193118	ZMIZ1	57178	0.602	-0.776	< 0.001	< 0.001
202939_at	Hs.591501	ZMPSTE24	10269	0.673	0.820	< 0.001	< 0.001
202136_at	Hs.292265	ZMYND11	10771	0.719	-0.848	< 0.001	< 0.001
212774_at	Hs.69997	ZNF238	10472	0.684	-0.827	< 0.001	< 0.001
228185_at	Hs.499429	ZNF25	219749	0.692	0.832	< 0.001	< 0.001
227077_at	Hs.585799	ZNF286	57335	0.609	-0.780	< 0.001	< 0.001
228144_at	Hs.134885	ZNF300	91975	0.887	-0.942	< 0.001	< 0.001
222884_at	Hs.484259	ZNF346	23567	0.662	-0.814	< 0.001	< 0.001
206448_at	Hs.22653	ZNF365	22891	0.936	0.967	< 0.001	< 0.001
226113_at	Hs.293798	ZNF436	80818	0.648	-0.805	< 0.001	< 0.001
222028_at	Hs.381285	ZNF45	7596	0.740	-0.860	< 0.001	< 0.001
1554007_at	Hs.166348	ZNF483	158399	0.867	0.931	< 0.001	< 0.001
225021_at	Hs.529023	ZNF532	55205	0.666	-0.816	< 0.001	< 0.001
229328_at	Hs.121283	ZNF540	163255	0.900	-0.949	< 0.001	< 0.001
223302_s_at	Hs.521064	ZNF655	79027	0.640	0.800	< 0.001	< 0.001
224593_at	Hs.524828	ZNF664	144348	0.713	0.845	< 0.001	< 0.001
228974_at	Hs.20506	ZNF677	342926	0.645	-0.803	< 0.001	< 0.001
228988_at	Hs.326801	ZNF711	7552	0.805	-0.897	< 0.001	< 0.001
223382_s_at	Hs.427284	ZNRF1	84937	0.783	-0.885	< 0.001	< 0.001
225962_at	Hs.427284	ZNRF1	84937	0.733	-0.856	< 0.001	< 0.001
218349_s_at	Hs.21331	ZWILCH	55055	0.697	-0.835	< 0.001	< 0.001
222606_at	Hs.21331	ZWILCH	55055	0.786	-0.886	< 0.001	< 0.001