

Supplementary Table S1. Expression differences of prenylation-associated genes from transcriptomic datasets

		MtSinaiMTA			MtSinaiTPA			MtSinaiACC			MtSinaiDLPFC			DLPFC_Super			DLPFC_Deep		
	Gene Symbol	FC	LogFC	p-value	FC	LogFC	p-value	FC	LogFC	p-value	FC	LogFC	p-value	FC	LogFC	p-value	FC	LogFC	p-value
Upstream synthases	FDPS	<b>1.15</b>	<b>0.20</b>	0.05	1.02	0.02	0.81	1.04	0.06	0.62	<b>1.16</b>	<b>0.21</b>	0.28	<b>1.22</b>	<b>0.28</b>	0.19	-1.02	-0.03	0.74
	HMGCR	<b>-1.10</b>	<b>-0.14</b>	0.34	-1.04	-0.05	0.81	<b>1.19</b>	<b>0.26</b>	0.23	<b>-1.18</b>	<b>-0.24</b>	0.15	<b>1.24</b>	<b>0.31</b>	0.22	1.09	<b>0.13</b>	0.45
	GGPS1	-1.06	-0.09	0.54	1.06	0.09	0.44	<b>1.14</b>	<b>0.18</b>	0.13	1.03	0.05	0.66	<b>1.21</b>	<b>0.28</b>	0.19	-1.04	-0.05	0.60
Prenyltransferase subunits	FNTA	1.06	0.08	0.67	-1.08	-0.11	0.25	<b>-1.21</b>	<b>-0.27</b>	0.07	-1.01	-0.02	0.90	1.04	0.05	0.74	<b>1.17</b>	<b>0.22</b>	0.06
	FNTB	-1.03	-0.04	0.87	<b>-1.34</b>	<b>-0.42</b>	<b>0.004</b>	-1.03	-0.05	0.77	<b>-1.25</b>	<b>-0.32</b>	0.08						
	PGGT1B	<b>-1.21</b>	<b>-0.28</b>	0.09	1.03	0.04	0.79	<b>-1.15</b>	<b>-0.20</b>	0.33	<b>1.31</b>	<b>0.39</b>	0.21	<b>1.10</b>	<b>0.14</b>	0.49	-1.04	-0.06	0.55
	RABGGTA	1.03	0.04	0.73	-1.03	-0.05	0.71	1.02	0.02	0.88	<b>-1.10</b>	<b>-0.14</b>	0.19	<b>-1.17</b>	<b>-0.23</b>	0.05	1.05	0.07	0.47
	RABGGTB	-1.06	-0.09	0.50	1.05	0.06	0.57	-1.00	-0.01	0.96	<b>1.11</b>	<b>0.15</b>	0.39	<b>1.71</b>	<b>0.78</b>	0.08	1.02	0.03	0.85
Prenylcysteine processing enzymes	ICMT	<b>-1.17</b>	<b>-0.22</b>	<b>0.01</b>	1.01	0.01	0.94	1.04	0.06	0.69	<b>1.25</b>	<b>0.32</b>	0.41	1.06	0.09	0.42	1.02	0.03	0.74
	RCE1												-1.05	-0.07	0.52	-1.02	-0.02	0.80	
	ZMPSTE24	1.03	0.04	0.65	-1.06	-0.09	0.16	1.04	0.06	0.58	1.07	0.09	0.35	<b>1.20</b>	<b>0.27</b>	0.17	<b>1.20</b>	<b>0.27</b>	0.09
GTPases	RHOA	-1.02	-0.03	0.77	-1.05	-0.07	0.38	-1.02	-0.03	0.80	<b>1.15</b>	<b>0.20</b>	0.33	<b>1.41</b>	<b>0.49</b>	<b>0.04</b>	-1.01	-0.02	0.89
	RHOB	<b>-1.15</b>	<b>-0.21</b>	0.15	<b>-1.33</b>	<b>-0.41</b>	<b>0.002</b>	<b>-1.14</b>	<b>-0.19</b>	0.18	<b>-1.21</b>	<b>-0.28</b>	0.10	<b>1.22</b>	<b>0.29</b>	<b>0.02</b>	<b>-1.18</b>	<b>-0.23</b>	<b>0.01</b>
	RHOC													<b>1.24</b>	<b>0.31</b>	<b>0.03</b>	<b>-1.15</b>	<b>-0.21</b>	0.08
	CDC42	1.05	0.06	0.69	<b>1.18</b>	<b>0.23</b>	<b>0.03</b>	<b>-1.16</b>	<b>-0.22</b>	0.29	1.03	0.04	0.76	<b>1.19</b>	<b>0.25</b>	0.29	1.01	0.01	0.92
	RAC1	<b>1.10</b>	<b>0.13</b>	0.07	1.00	0.00	0.95	1.01	0.02	0.82	1.02	0.03	0.66	<b>1.84</b>	<b>0.88</b>	0.06	<b>-1.11</b>	<b>-0.15</b>	0.32
	RAC2													<b>-1.10</b>	<b>-0.13</b>	0.21	-1.06	-0.09	0.51
	KRAS	<b>-1.10</b>	<b>-0.14</b>	0.25	-1.05	-0.07	0.58	<b>1.31</b>	<b>0.38</b>	<b>0.01</b>	-1.04	-0.05	0.61	<b>1.65</b>	<b>0.73</b>	<b>0.01</b>	1.09	<b>0.13</b>	0.38
	RAP1A	<b>-1.22</b>	<b>-0.29</b>	0.06	<b>-1.13</b>	<b>-0.18</b>	0.16	-1.04	-0.06	0.73	-1.04	-0.06	0.75	<b>1.24</b>	<b>0.32</b>	0.16	1.01	0.01	0.91

Values in bold type indicate fold change (FC)  $\geq \pm 1.10$  or  $p < 0.05$