

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
1	hypothetical protein FLJ11164	AK002026	0.000368
2	KIAA0892 protein	AB020699	0.000571
3	defensin, alpha 4, corticostatin	X65977	0.000719
4	defensin, alpha 4, corticostatin	X65977	0.000761
5	hypothetical protein FLJ20005	NM_017617	0.001513
6	carbonic anhydrase XIV	AB025904	0.001545
7	collagen, type IX, alpha 2	AL050341	0.002004
8	axin 2 (conductin, axil)	NM_004655	0.002004
9	protease, serine, 15	X76040	0.002377
10	Homo sapiens, clone IMAGE:4139786, mRNA, partial cds	BC007901	0.002768
11	cholinergic receptor, nicotinic, beta polypeptide 4	U48861	0.003170
12	RAB23 protein	AF161486	0.003337
13	hypothetical protein PRO2015	NM_018512	0.003349
14	delta-like 4 homolog (Drosophila)	AB036931	0.003376
15	membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10) Human DNA sequence from clone 796F18 on chromosome 1p36.11-36.33	NM_007289	0.003395
16	Contains a pseudogene similar to MMS2, ESTs and GSSs	AL031291	0.003662
17	reticulocalbin 1, EF-hand calcium binding domain	AL078612	0.003729
18	trichohyalin	L09190	0.003857
19	H-REV107 protein-related protein	NM_020386	0.004416
20	dopamine receptor D5	X58454	0.004452
21	putative transmembrane protein	NM_012342	0.005196
22	KIAA1070 protein	AB028993	0.005498
23	prostate derived STE20-like kinase PSK	NM_016151	0.006026
24	major histocompatibility complex, class II, DM alpha Human DNA sequence from clone RP5-854E16 on chromosome 20. Contains a Soggy-1 (SGY-1) pseudogene, a pseudogene similar to	X62744	0.006246
25	C. elegans Y113G7B.16 (Wp:CE23296), ESTs, STSs and GSSs	AL121723	0.006796
26	serine hydroxymethyltransferase 1 (soluble)	Y14486	0.006885
27	protein tyrosine phosphatase, receptor type, N polypeptide 2	U66702	0.006954
28	KIAA0805 protein DKFZp586I1420);	AB018348	0.007175
29	partial cds	AL050378	0.007349
30	Bcl-2 binding component 3 similar to	U82987	0.007478
31	Mus musculus PRAJA1 (Praja1) mRNA	AK021892	0.007824
32	Homo sapiens cDNA: FLJ23173 fis, clone LNG10019	AK026826	0.007907
33	DKFZP564I1922 protein	AF245505	0.008015
34	leucine-zipper-like transcriptional regulator, 1	D38496	0.008028
35	Homo sapiens mRNA; cDNA DKFZp761P221 (from clone DKFZp761P221)	AL137508	0.008287

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
36	monoamine oxidase A	NM_000240	0.008311
37	mab-21 (C. elegans)-like 1	U38810	0.008431
38	endomucin-2	AF205940	0.008432
39	Homo sapiens cDNA FLJ13158 fis, clone NT2RP3003552	AK023220	0.008591
40	Homo sapiens cDNA FLJ11594 fis, clone HEMBA1003804	AK021656	0.008932
41	cytochrome P450, subfamily VIII B (sterol 12-alpha-hydroxylase), polypeptide	AF090318	0.009317
42	guanine nucleotide-releasing factor 2 (specific for crk proto-oncogene)	D21239	0.009855
43	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflar	NM_000362	0.010027
44	neuronal pentraxin receptor	AL008583	0.010027
45	cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal)	U62437	0.010035
46	Homo sapiens aat-1 mRNA for AAT-1 alpha, complete cds	AB063296	0.010946
47	CGI-141 protein	AL136571	0.011130
48	solute carrier family 9 (sodium/hydrogen exchanger), isoform 5	AF111173	0.011257
49	potassium large conductance calcium-activated channel, subfamily M, beta m	AF209747	0.011309
50	hyaluronoglucosaminidase 4	NM_012269	0.011402
51	Homo sapiens mRNA; cDNA DKFZp762H106 (from clone DKFZp762H106)	AL162069	0.011498
52	islet amyloid polypeptide	X68830	0.011508
53	microphthalmia-associated transcription factor	AB006909	0.011727
54	kallikrein 2, prostatic	AF188747	0.012368
55	hypothetical protein MGC10812	NM_031425	0.012451
56	annexin A8	NM_001630	0.012483
57	ficolin (collagen/fibrinogen domain-containing) 1	NM_002003	0.012590
58	deleted in colorectal carcinoma	X76132	0.012849
59	cullin 3	AB014517	0.013200
60	Vertebrate LIN7 homolog 1, Tax interaction protein 33	AF173081	0.013203
61	Homo sapiens cDNA: FLJ20979 fis, clone ADSU01938	AK024632	0.013209
62	KIAA0337 gene product	AB002335	0.013216
63	indolethylamine N-methyltransferase	AF128846	0.013641
64	interleukin 8 receptor, beta	L19593	0.013928
65	fibroblast growth factor 13	AF100143	0.013990
66	transcobalamin II; macrocytic anemia	NM_000355	0.014114
67	protein tyrosine phosphatase, non-receptor type 14	NM_005401	0.014133
68	hypothetical protein DKFZp434H0311	NM_032243	0.014134
69	guanylate cyclase 1, soluble, alpha 3	Y15723	0.014497
70	KIAA1160 protein MGC:2079	AB032986	0.014688
71	IMAGE:3508225, mRNA, complete cds	BC000108	0.014771
72	hypothetical protein MGC8407	NM_024046	0.014991
73	Homo sapiens, clone MGC:2492 IMAGE:3353520, mRNA, complete cds	BC001787	0.015013
74	hypothetical protein FLJ20343	AK000350	0.015136

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
75	Homo sapiens mRNA; cDNA DKFZp564O2363 (from clone DKFZp564O2363)	AL137739	0.015155
76	alpha-1,4-N-acetylglucosaminyltransferase	NM_016161	0.015190
77	hypothetical protein FKSG25	AK024440	0.015225
78	Homo sapiens mRNA; cDNA DKFZp434O1317 (from clone DKFZp434O1317)	AL133611	0.015424
79	somatostatin	J00306	0.015557
80	protocadherin beta 10	NM_018930	0.015602
81	Homo sapiens cDNA FLJ13835 fis, clone THYRO1000712	AK023897	0.015801
82	huntingtin interacting protein 1	U79734	0.015874
83	Homo sapiens mRNA; cDNA DKFZp566C034 (from clone DKFZp566C034)	AL110180	0.016028
84	odz (odd Oz/ten-m, Drosophila) homolog 1 Homo sapiens cDNA FLJ13054 fis, clone NT2RP3001527, highly similar to	AL022718	0.016062
85	Human Sp140 protein (Sp140) mRNA	AK023116	0.016693
86	hypothetical protein MGC5306	NM_024116	0.017168
87	Wilms tumor associated protein	M60614	0.017506
88	hypothetical protein FLJ20307	AK000314	0.017677
89	KIAA1181 protein	AB033007	0.017681
90	Homo sapiens, clone IMAGE:3355813, mRNA, partial cds	BC000282	0.017778
91	serine/threonine kinase with Dbl- and pleckstrin homology domains	AB011422	0.018142
92	mal, T-cell differentiation protein	X76220	0.018235
93	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1	U18932	0.018662
94	peptidylprolyl isomerase (cyclophilin)-like 1	NM_016059	0.018678
95	Homo sapiens, clone IMAGE:3610257, mRNA, partial cds	BC002652	0.019405
96	TNF-induced protein	AF099936	0.019686
97	hypothetical protein DKFZp547M136 similar to widely-interspaced zinc finger	AC007059	0.020118
98	Homo sapiens cDNA: FLJ21691 fis, clone COL09555	AK025344	0.020259
99	Homo sapiens cDNA: FLJ21424 fis, clone COL04157	AK025077	0.020411
100	chitinase 3-like 1 (cartilage glycoprotein-39)	NM_001276	0.021076
101	Homo sapiens cDNA FLJ11346 fis, clone PLACE1010900	AK002208	0.021313
102	EphB4	U07695	0.021381
103	solute carrier family 16 (monocarboxylic acid transporters), member 3	NM_004207	0.021793
104	amyloid beta (A4) precursor protein-binding, family A, member 2 (X11-like)	AF047348	0.021907
105	adenosine kinase	NM_006721	0.022124
106	PRO1768 protein	NM_014099	0.022333
107	Human mRNA for SB classII histocompatibility antigen alpha-chain	BC009956	0.022627
108	hypothetical protein FLJ10572	AK001434	0.022979
109	neurofilament, heavy polypeptide (200kD)	AF203032	0.023038
110	Homo sapiens cDNA: FLJ23220 fis, clone ADSU01957 IMAGE:4100291,	AK026873	0.023198
111	mRNA, partial cds	BC008853	0.023475
112	Homo sapiens clone TCCCIA00176 mRNA sequence	AY007156	0.023478

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
113	homolog of yeast exosomal core protein CSL4	NM_016046	0.024053
114	Homo sapiens, clone MGC:1174 IMAGE:3544853, mRNA, complete cds	BC001868	0.024104
115	matrix metalloproteinase 2 (gelatinase A, 72kD gelatinase, 72kD type IV collagenase)	NM_004530	0.024274
116	L-RIBULOKINASE (EC 2.7.1.16)	AK022237	0.024665
117	BTG family, member 2	U72649	0.024711
118	leukocyte tyrosine kinase	NM_002344	0.024921
119	KIAA0103 gene product	NM_014673	0.025050
120	hypothetical protein FLJ22624	NM_024808	0.025110
121	KIAA1510 protein	AB040943	0.025133
122	CD209 antigen-like	AB015629	0.025170
123	hypothetical protein FLJ20033	AB046787	0.025172
124	early growth response 4	NM_001965	0.025478
125	membrane-spanning 4-domains, subfamily A, member 7	NM_021201	0.025527
126	protein kinase C, beta 1	X07109	0.025900
127	zinc finger protein 46 (KUP)	X16576	0.026150
128	cysteine and glycine-rich protein 3 (cardiac LIM protein)	U49837	0.026339
129	hypothetical protein DKFZp434E2135	NM_030804	0.026348
130	Homo sapiens cDNA: FLJ21026 fis, clone CAE06812	AK024679	0.026868
131	plasmolipin	NM_015993	0.027163
132	hypothetical protein FLJ20001	AK000008	0.027164
133	CD3Z antigen, zeta polypeptide (TiT3 complex)	NM_000734	0.027506
134	hypothetical protein FLJ20345	AK000352	0.027921
135	BMX non-receptor tyrosine kinase	AF045459	0.028232
136	DKFZP434M098 protein MASA (mental retardation, aphasia, shuffling gait and adducted thumbs) syndrome,	AL117587	0.028570
137	spastic paraplegia 1)	U52112	0.028572
138	KIAA0161 gene product	D79983	0.028690
139	UNC13 (C. elegans)-like	AF020202	0.028924
140	prefoldin 4	U41816	0.028939
141	Homo sapiens mRNA; cDNA DKFZp547B026 (from clone DKFZp547B026)	AL390149	0.028979
142	G protein-coupled receptor 57	AF112461	0.029211
143	frizzled (Drosophila) homolog 4	NM_012193	0.029279
144	hypothetical protein FLJ11328	NM_018391	0.029304
145	KIAA1641 protein	NM_025190	0.029584
146	urotensin 2	Z98884	0.029788
147	hypothetical protein MGC4126	AL137527	0.030391
148	Homo sapiens cDNA FLJ13432 fis, clone PLACE1002537	AK023494	0.030519
149	SGC32445 protein	AF251041	0.030850

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
150	KIAA0171 gene product	NM_014666	0.030928
151	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	U36341	0.031023
152	testis specific basic protein	U60665	0.031352
153	Homo sapiens cDNA: FLJ22272 fis, clone HRC03192	AK025925	0.031484
154	tensin	NM_022648	0.031491
155	hypothetical protein MGC10702	NM_032663	0.032032
156	membrane component, chromosome 11, surface marker 1 similar to	Z48042	0.032601
157	Mus musculus semaphorin VIa mRNA	AK021660	0.032691
158	sperm acrosome associated 1	NM_030960	0.032726
159	Human DNA sequence from clone RP11-108L7 on chromosome 10.	AL133215	0.032777
160	adrenomedullin	D14874	0.032799
161	RAN binding protein 2	NM_006267	0.032982
162	folate receptor 2 (fetal)	NM_000803	0.033058
163	desmocollin 1	NM_004948	0.033314
164	hepsin (transmembrane protease, serine 1)	NM_002151	0.033331
165	Homo sapiens mRNA; cDNA DKFZp434G227 (from clone DKFZp434G227)	AL137663	0.033534
166	kinesin family member 3C	AF035621	0.033674
167	Homo sapiens, clone IMAGE:3344506, mRNA, partial cds	BC002465	0.033712
168	KIAA1424 protein	AB037845	0.033719
169	zinc finger protein 237	AJ133355	0.033819
170	hypothetical protein FLJ10490	AK001352	0.033950
171	CGI-12 protein	NM_015942	0.034204
172	Homo sapiens cDNA FLJ10196 fis, clone HEMBA1004776	AK001058	0.034548
173	Homo sapiens cDNA FLJ12355 fis, clone MAMMA1002333	AK022417	0.034558
174	hypothetical protein FLJ23047 Homo sapiens cDNA FLJ13036 fis, clone NT2RP3001253, weakly similar to	NM_024548	0.034749
175	NUF1 PROTEIN	AK023098	0.034825
176	zinc finger protein 220	U47742	0.035001
177	KIAA0964 protein	NM_014902	0.035207
178	chromobox homolog 8 (Drosophila Pc class)	AF174482	0.035306
179	Homo sapiens mRNA; cDNA DKFZp586M2022 (from clone DKFZp586M20	AL080114	0.035395
180	E2F transcription factor 1	M96577	0.035404
181	McKusick-Kaufman syndrome	NM_018848	0.035664
182	hypothetical protein DKFZp586M1120	NM_031294	0.036426
183	MAX dimerization protein	NM_002357	0.036676
184	Homo sapiens mRNA; cDNA DKFZp761C1712 (from clone DKFZp761C171	AL157452	0.036924
185	KIAA0595 protein	AB011167	0.037184
186	Homo sapiens cDNA: FLJ21447 fis, clone COL04468	AK025100	0.037222
187	Homo sapiens cDNA FLJ20653 fis, clone KAT01739	AK000660	0.037223

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
	similar to		
188	Mus musculus semaphorin VIa mRNA	AK021660	0.037346
189	Human zinc finger protein zfp47 (zf47) mRNA, partial cds	U71601	0.037388
190	Homo sapiens mRNA; cDNA DKFZp761P0114 (from clone DKFZp761P0114)	AL353948	0.037406
191	Homo sapiens mRNA; cDNA DKFZp564F053 (from clone DKFZp564F053)	AL049265	0.037704
	similar to		
192	ZINC FINGER PROTEIN 184	AK001357	0.038498
193	integral membrane protein 2A	AL021786	0.038533
194	Homo sapiens cDNA FLJ13952 fis, clone Y79AA1001068	AK024014	0.038545
195	nucleosome assembly protein 1-like 1	AL162068	0.038595
196	transport-secretion protein 2.2,	AJ278476	0.038783
197	Homo sapiens cDNA: FLJ20863 fis, clone ADKA01804	AK024516	0.039395
198	tumor-associated calcium signal transducer 1	NM_002354	0.039412
199	cardiotrophin 1	U43030	0.039427
200	KIAA0097 gene product	D43948	0.039428
201	Homo sapiens cDNA: FLJ21305 fis, clone COL02124	AK024958	0.039855
202	KIAA0107 gene product	AF215935	0.040196
203	neutrophil cytosolic factor 4 (40kD)	NM_013416	0.040491
204	small inducible cytokine subfamily A (Cys-Cys), member 22	U83171	0.040629
205	Fas (TNFRSF6) associated factor 1	AJ271408	0.040715
	from		
206	SGA1-KTR7	AL022398	0.040907
207	putative prostate cancer susceptibility protein	NM_018127	0.040928
208	Homo sapiens cDNA FLJ12474 fis, clone NT2RM1000927	AK022536	0.040949
209	Homo sapiens cDNA FLJ13782 fis, clone PLACE4000489, weakly similar to PROTEIN GRAINY-HEAD	AK023844	0.041245
210	Homo sapiens cDNA FLJ10641 fis, clone NT2RP2005748	AK001503	0.041278
211	hT1a-1	AF030427	0.041365
212	Homo sapiens clone 25028 mRNA sequence	AF131846	0.041448
213	KIAA0969 protein	AB023186	0.041504
214	hypothetical protein FLJ10482	AK001344	0.041617
215	interleukin 5 (colony-stimulating factor, eosinophil)	X04688	0.041813
216	Homo sapiens DNA, cosmid clones TN62 and TN82	Y14768	0.042050
217	acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain	Z80345	0.042121
218	NK homeobox (Drosophila), family 3, A	AF247704	0.042144
219	Homo sapiens cDNA FLJ14188 fis, clone NT2RP2005980	AK024250	0.042230
220	KIAA1712 protein	AB051499	0.042283
221	Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3.	AL031177	0.042289
222	hypothetical protein from EUROIMAGE 1967720	AL365411	0.042427
223	immunoglobulin superfamily containing leucine-rich repeat	NM_005545	0.042675
224	Homo sapiens mRNA; cDNA DKFZp564F1171 (from clone DKFZp564F1171)	AL117553	0.042960

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
225	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) 42kD	AK000064	0.043050
226	KIAA1150 protein	AB032976	0.043175
227	SEC14 (S. cerevisiae)-like 2	AL096881	0.043482
228	KIAA1719 protein	AB051506	0.043568
229	plexin A1	AL162013	0.043611
230	Homo sapiens cDNA: FLJ23261 fis, clone COL05862	AK026914	0.043859
231	hypothetical protein PRO2133	NM_018619	0.043932
232	DKFZP434D1335 protein	AK027643	0.043950
233	FLVCR protein	AK001419	0.043966
234	NUCLEAR PROTEIN SNF7	AK021776	0.044098
235	ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)	AF039704	0.044280
236	cadherin 5, VE-cadherin (vascular epithelium) associated	X79981	0.044572
237	endometrial alpha-2-globulin, alpha uterine protein)	NM_002571	0.045333
238	HMG-box transcription factor TCF-3	NM_031283	0.045375
239	Homo sapiens cDNA: FLJ22678 fis, clone HSI10665	AK026331	0.045463
240	Kruppel-like zinc finger protein GLIS2	NM_032575	0.045509
241	ralA binding protein 1	L42542	0.045585
242	cell cycle progression 3 protein	AF011793	0.045816
243	hypothetical protein FLJ10199	AK001061	0.045967
244	RAB7, member RAS oncogene family	X93499	0.046174
245	Homo sapiens mRNA; cDNA DKFZp434F2226 (from clone DKFZp434F2226)	AL137368	0.046254
246	Homo sapiens dmd gene, intron 11	Y13187	0.046278
247	KIAA1604 protein similar to	AB046824	0.046381
248	Mus musculus retinoic acid-responsive protein (Stra6) mRNA complementation	AK022603	0.046515
249	groups A, C and D), clone MGC:12371 IMAGE:3950747, mRNA, complete	BC007023	0.046539
250	Homo sapiens cDNA: FLJ22195 fis, clone HRC01166	AK025848	0.046551
251	keratin, hair, acidic,1	X86570	0.046598
252	keratin 16 (focal non-epidermolytic palmoplantar keratoderma)	AF061812	0.046682
253	annexin A11	AJ278465	0.046803
254	Homo sapiens clone 24416 mRNA sequence	AF052159	0.046969
255	colony stimulating factor 2 (granulocyte-macrophage)	AX023365	0.047024
256	Homo sapiens cDNA: FLJ22700 fis, clone HSI12073	AK026353	0.047087
257	transmembrane 4 superfamily member 1	M90657	0.047808
258	inhibin, beta B (activin AB beta polypeptide)	NM_002193	0.047828
259	hypothetical protein MGC15437	NM_032873	0.047880
260	Homo sapiens clone 24859 mRNA sequence	AF131753	0.048033
261	inositol(myo)-1(or 4)-monophosphatase 2	NM_014214	0.048165

表4.11熱證氣喘組比對正常體質對照組經t-test檢定後有顯著差異的表達基因共
266個

編號	Gene Name	Accession Number	P值
262	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	NM_002422	0.048490
263	lymphocyte antigen 64 (mouse) homolog, radioprotective, 105kD	D83597	0.048682
264	cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kD	NM_001324	0.049101
265	CGI-148 protein	NM_016078	0.049223
266	DKFZP566C0424 protein	AL050028	0.049726