

表1 活性型 Nef を高発現する stable clone HS1 (上) および変異型 Nef を発現する G2A (下) のそれぞれを PMA で活性化したときのタンパク質発現量変化の2次元電気泳動による比較

1440 HSP70	+ 1.49	Stress protein
1444 HSP70	+ 1.65	Stress protein
1592 Lamin A	+ 1.49	核膜タンパク質
2331 proliferating cell nuclear antigen	+ 1.77	細胞周期関連核タンパク質
2430 Timm50	+ 2.01	translocase of inner mitochondrial me
2500 eukaryotic translation elongation factor 1 beta 2	+ 1.49	翻訳伸張因子
2854 Transcription factor BTF3 (RNA polymerase B transcription factor 3)	+ 1.77	転写因子
1381 propionyl CoA-carboxylase alpha-subunit	- 1.71	脂肪酸の β -酸化
1392 similar to GMP synthase	- 2.68	GMP合成酵素
1478 WD repeat domain 1	- 1.91	WD繰り返しドメイン(Actin結合性)
1491 Dlat protein (dihydroipoamide S-acyltransferase)	- 1.73	糖代謝系酵素
1653 HYPOTHETICAL RNA BINDING PROTEIN RDA288 homolog	- 1.85	RNA結合タンパク質
1904 elongation factor 2	- 1.73	翻訳伸張因子
2018 similar to Eno1 protein	- 2.17	解糖系酵素
2263 aldehyde dehydrogenase 9, subfamily A1	- 1.55	GABA生成酵素
2569 26S proteasome-associated pad1 homolog	- 1.86	プロテアソーム関連
spot number	刺激/対照	分類
937 BiP	+ 1.51	Stress protein
1048 HSP70	+ 1.58	Stress protein
1051 HSP8	+ 1.69	Stress protein
1054 HSP8	+ 1.61	Stress protein
1321 HSP60	+ 1.50	Stress protein
1366 Chaperonin subunit 2	+ 1.64	Stress protein
1451 HSP70	+ 1.69	Stress protein
1551 vimentin	+ 1.57	細胞骨格タンパク質
2522 proteasome (prosome, macropain) 26S subunit, ATPase 3	- 1.57	プロテアソーム関連
2529 peroxiredoxin 1	- 1.60	抗酸化タンパク質
2658 transgelin-2	+ 1.52	細胞骨格タンパク質関連
1557 Tyki protein	- 1.75	チロシinkinナーゼ
1586 Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor	- 5.51	ミトコンドリアタンパク質
1690 vimentin	- 1.79	細胞骨格タンパク質
1710 β -actin	- 1.67	細胞骨格タンパク質
1854 actin-like	- 1.83	細胞骨格タンパク質
1889 annexin A4	- 1.69	多機能性タンパク質
1896 aldo-keto reductase family 1, member A4	- 1.58	脂質代謝
2335 similar to Glutathione S-transferase Mu 1	- 2.40	脂質過酸化物の代謝に関する抗酸化
2380 Electron transfer flavoprotein beta-subunit	- 2.28	ミトコンドリア電子伝達系
2392 prohibitin	- 1.67	乳がん抑制遺伝子
2416 proteasome (prosome, macropain) subunit, alpha type	- 1.54	プロテアソーム関連
2477 huntingtin interacting protein-2	- 1.73	ハンチンチン関連
2487 cathepsin C	- 1.61	リソソームプロテアーゼ
2550 peroxiredoxin 1	- 1.77	抗酸化タンパク質
2661 LMP 2	- 1.63	プロテアソーム関連(HLA抗原分解)
2716 14-3-3 zeta	- 1.69	14-3-3ファミリー

研究成果の刊行に関する一覧表

研究成果の刊行に関する一覧表 服部信孝 平成 16 年度

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