

プロテオグラム Proteogram

既知蛋白質並びに本報告書で紹介した蛋白質のアミノ酸配列をプロテオグラムで表示したものと、C末端にGFP融合蛋白質を発現させて局在解析を行った結果の例を示す。

House keeping proteins

HP00053	Actin- β
HP00155	Elongation factor-1 α
HP01100	Galectin-3
HP00113	Ribosomal phosphoprotein P1

NEDD8-related proteins

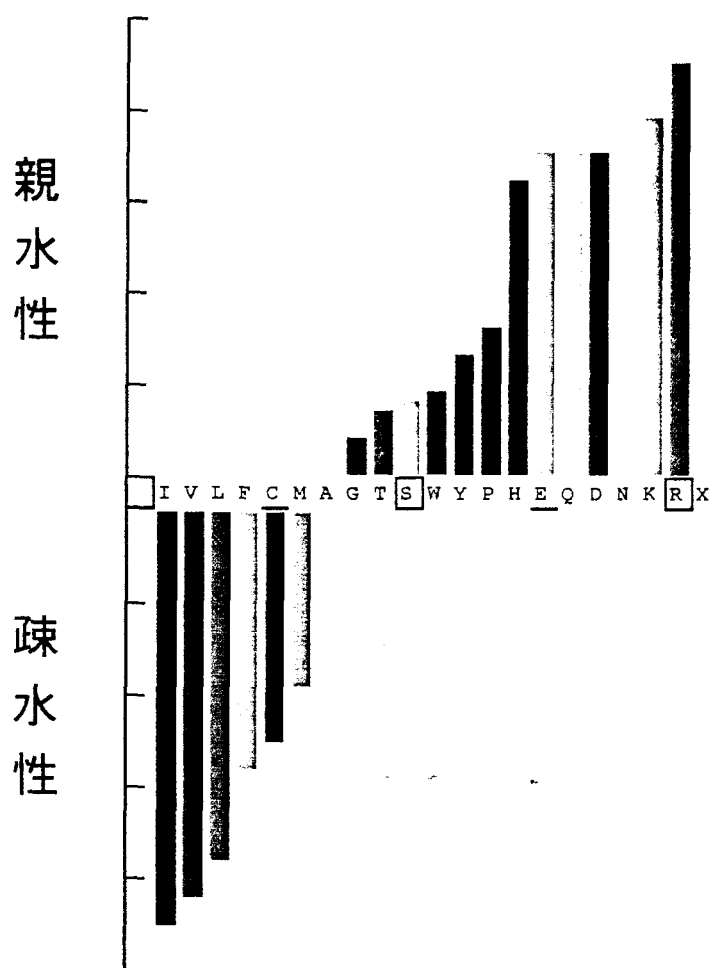
HP00346	NEDD8 (GFP at the N-terminal)
HP02879	APP-BP1
HP01256	hUba3
HP00568	hUbc12

Npw38-related proteins

HP10345	Npw38
HP00169	NpwBP

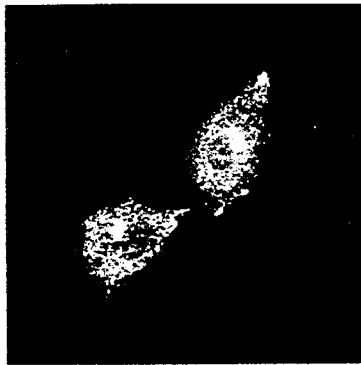
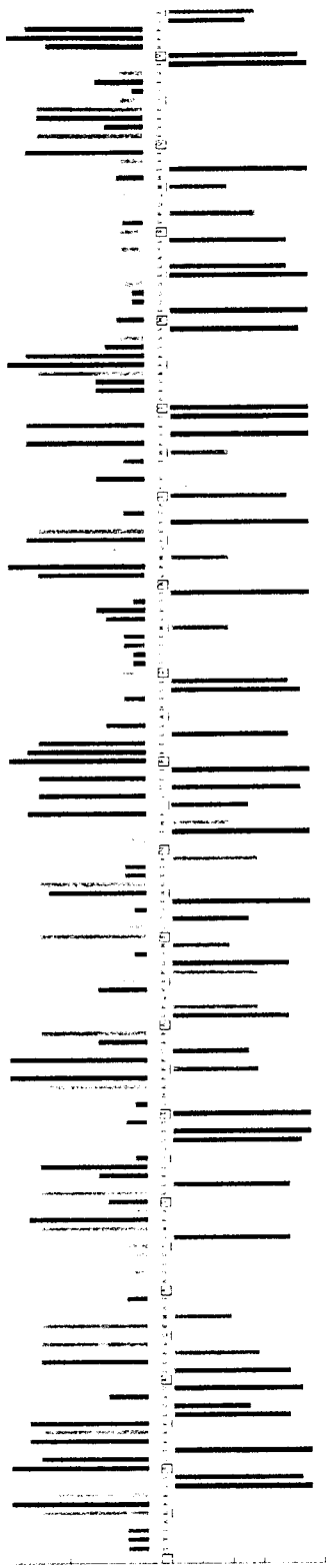
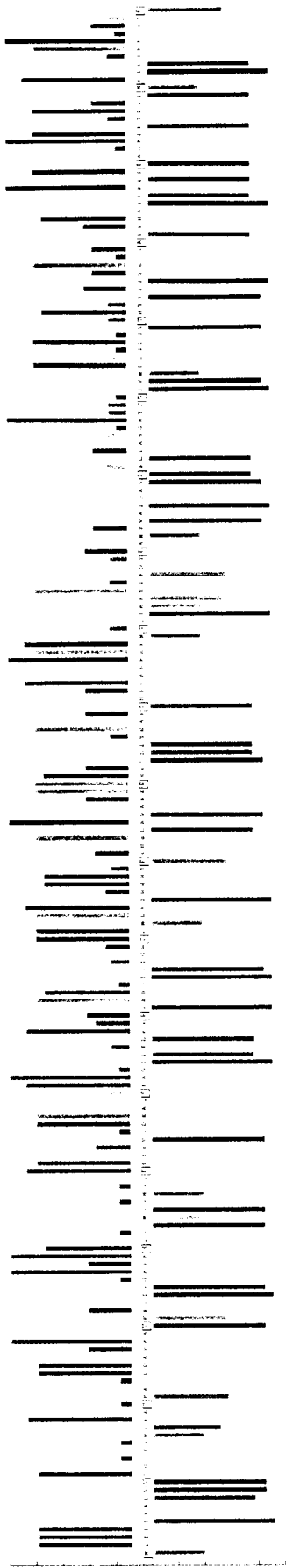
Novel proteins

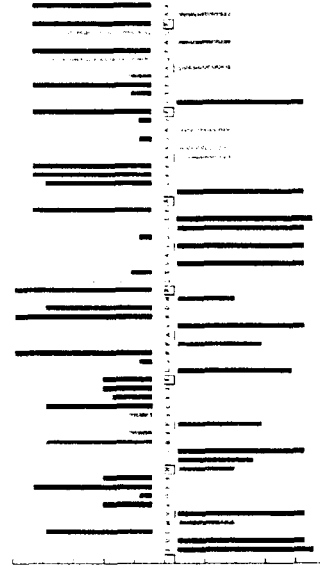
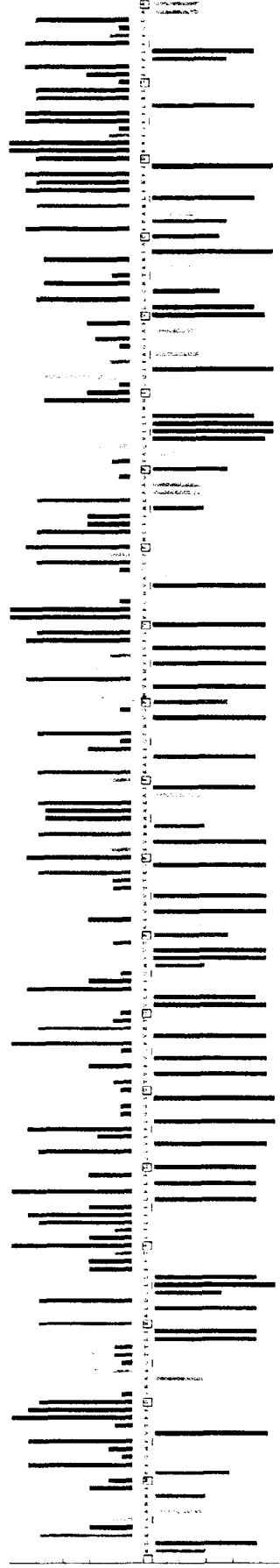
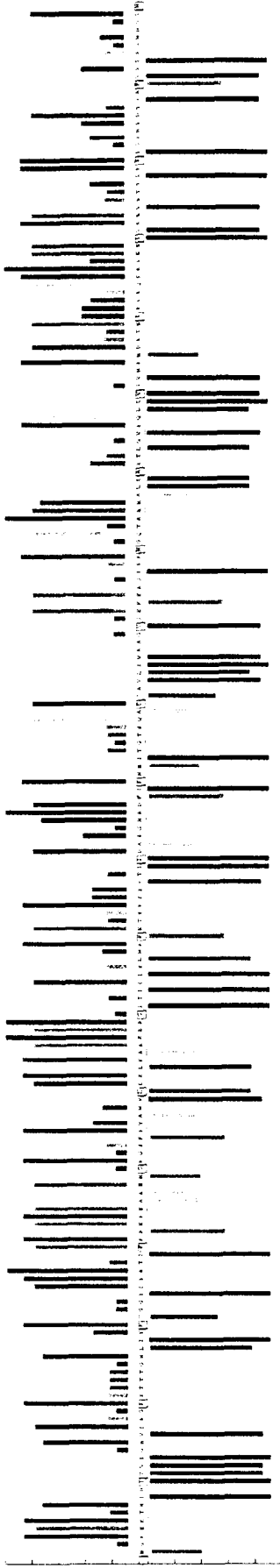
HP10041	ER protein-like
HP10658	Golgi protein-like
HP10504	IMUP-1
HP10352	Mitochondria protein-like
HP02644	RNA helicase-like



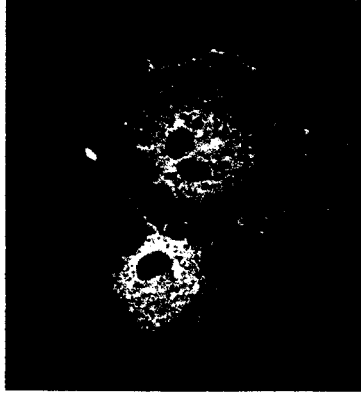
I	Isoleucine	W	Tryptophan
V	Valine	Y	Tyrosine
L	Leucine	P	Proline
F	Phenylalanine	H	Histidine
C	Cysteine	E	Glutamic acid
M	Methionine	D	Aspartic acid
A	Alanine	K	Lysine
G	Glycine	R	Arginine
T	Threonine		

縦軸は、Kyte & Doolittleのハラメータの符号を逆にした値を用いた。



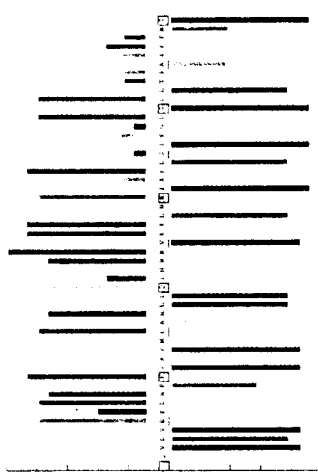
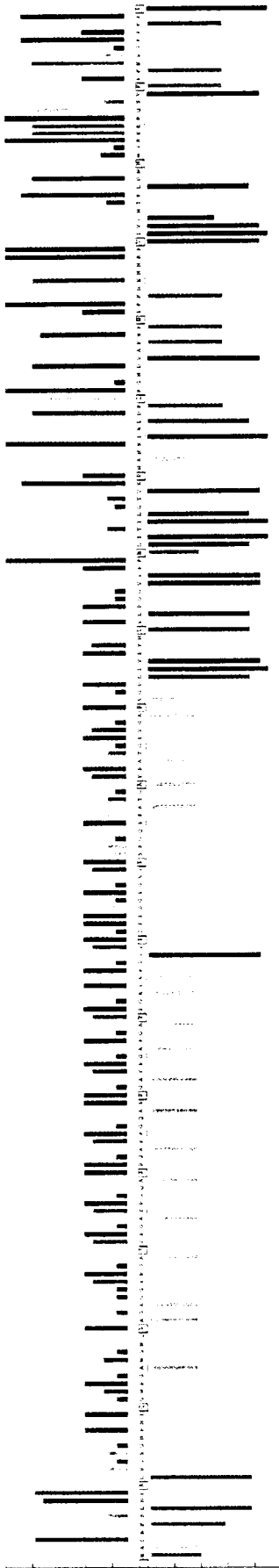


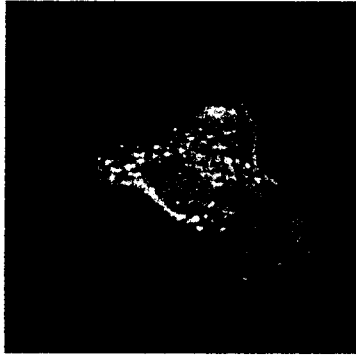
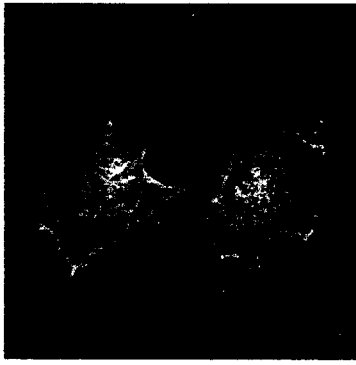
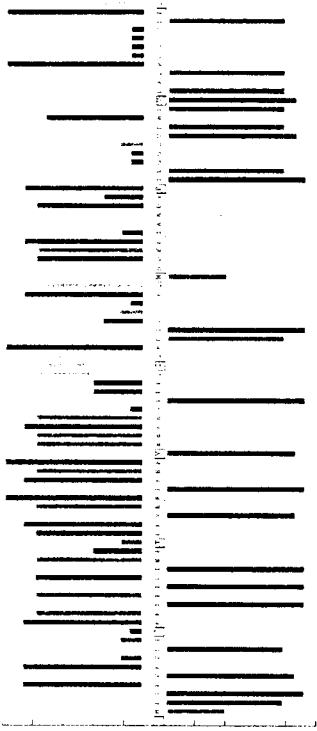
Filename: EF-1alpha HP00155.PEP

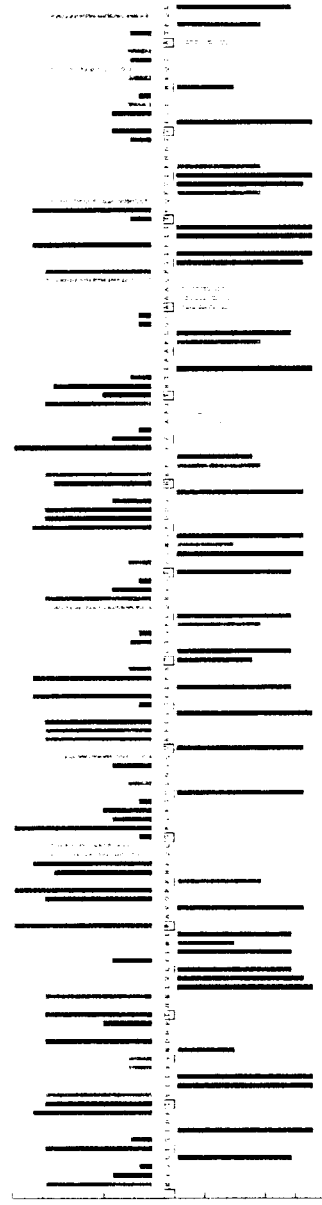
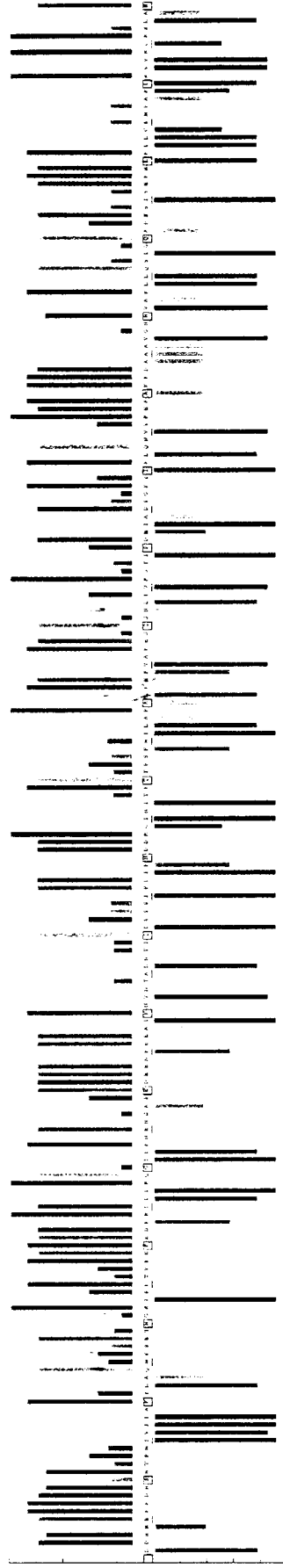
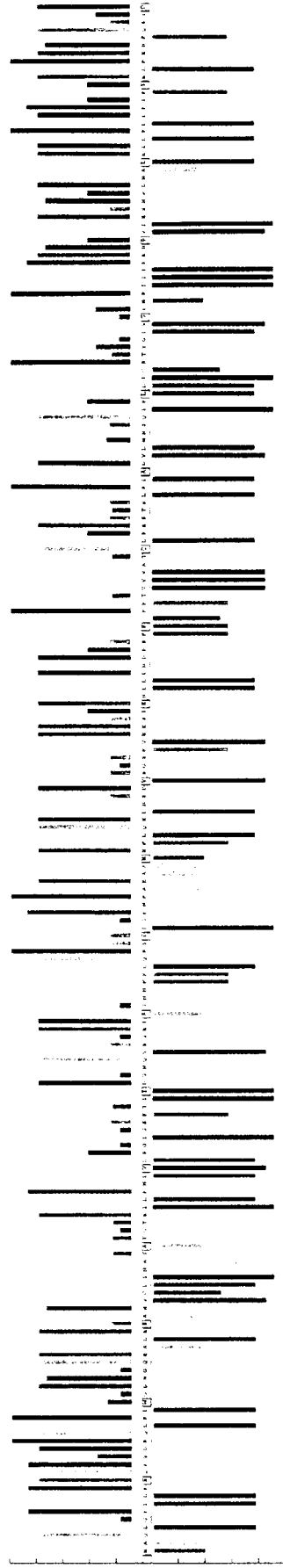


(462 amino acids)

Page 2 of 2



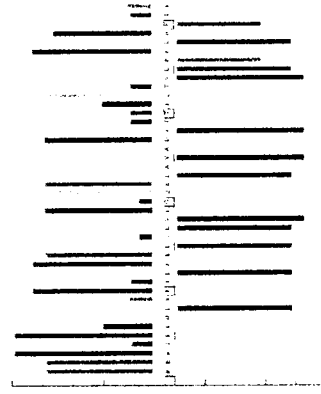
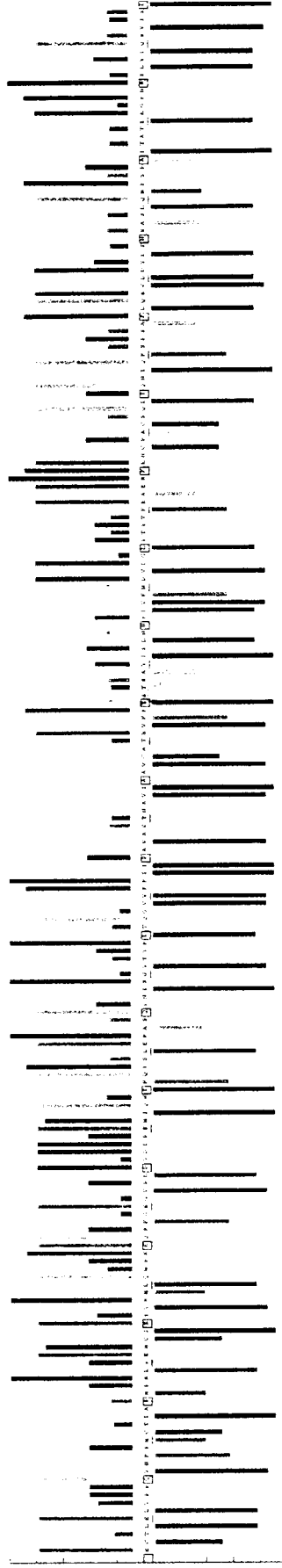
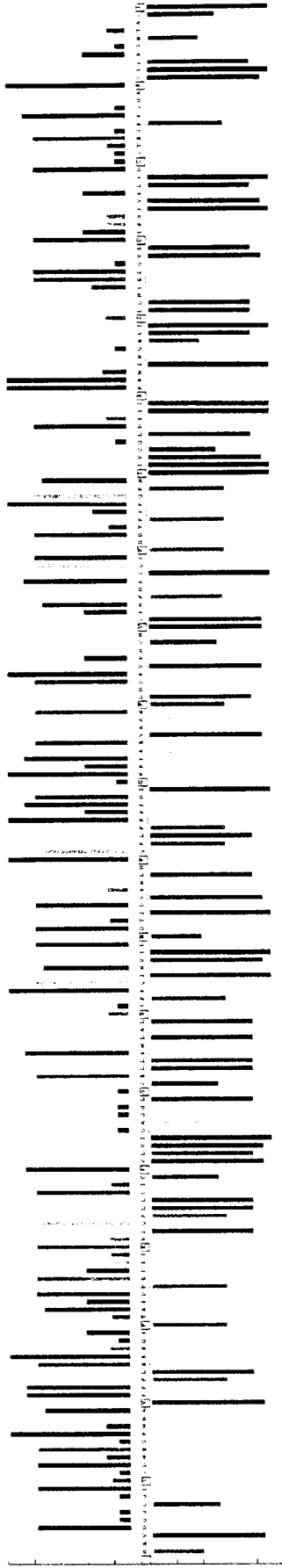




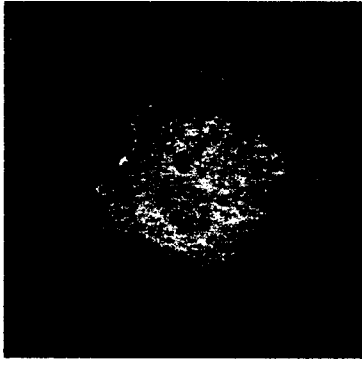
Filename: APP-BP1_HP02879.PEP

(534 amino acids)



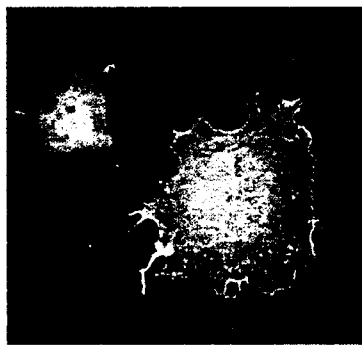
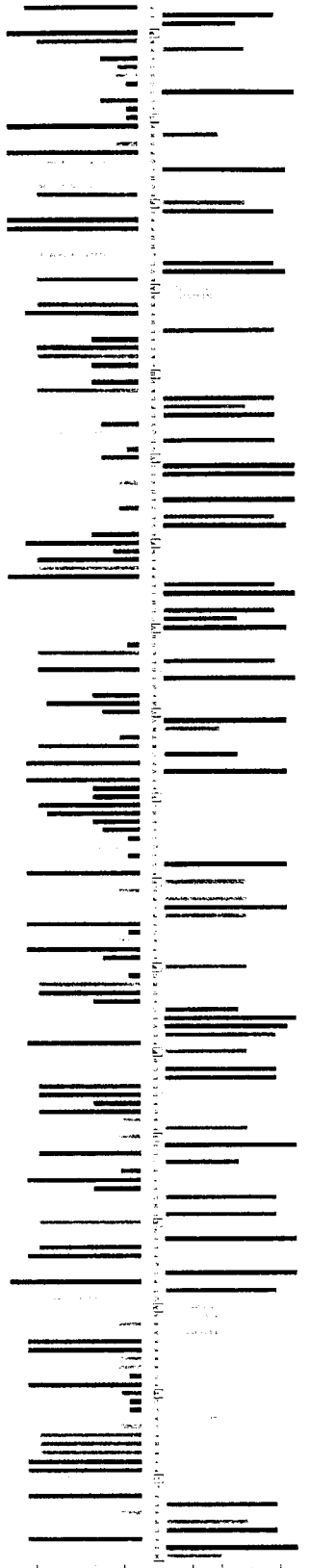


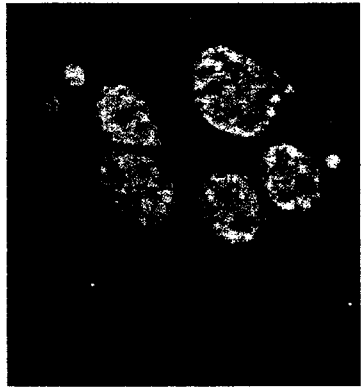
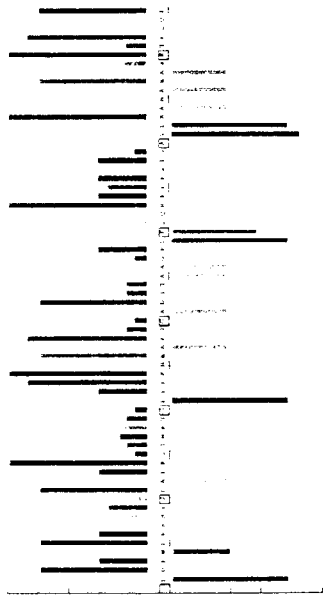
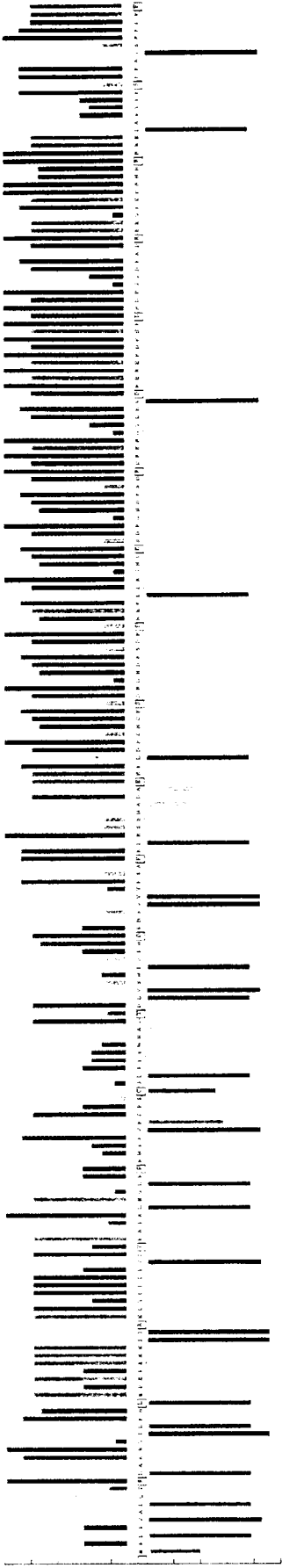
Filename: hUba3_HP01256.PEP

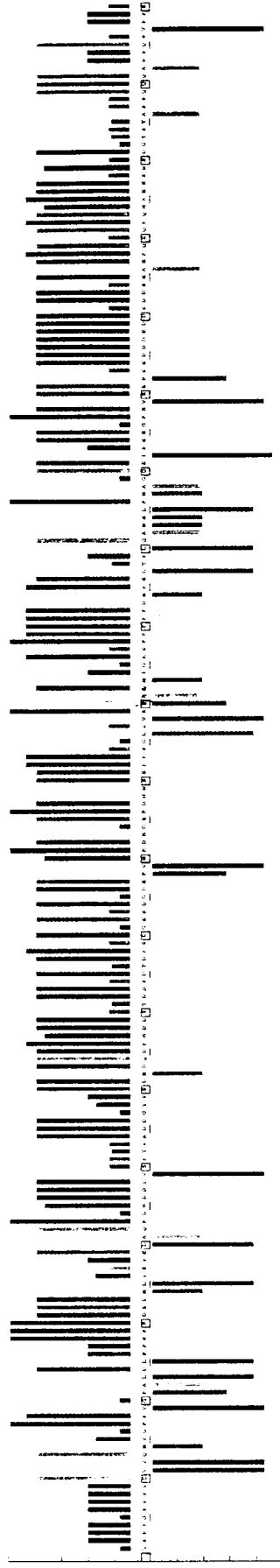
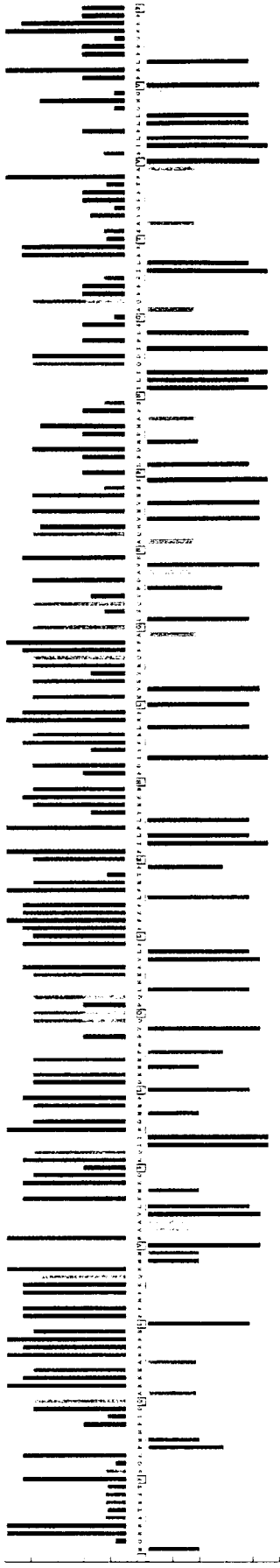


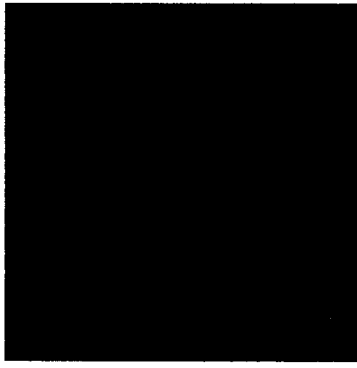
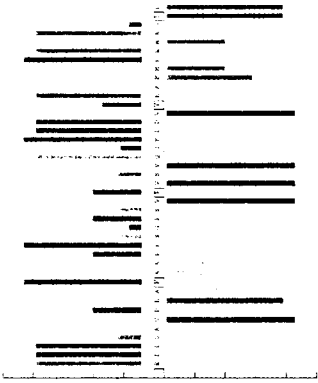
(442 amino acids)

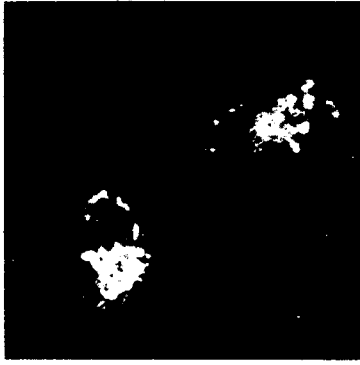
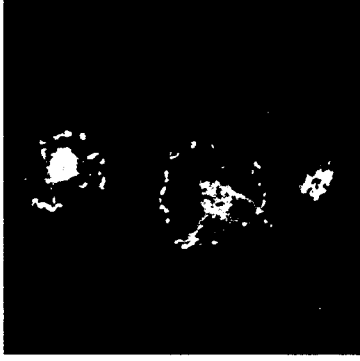
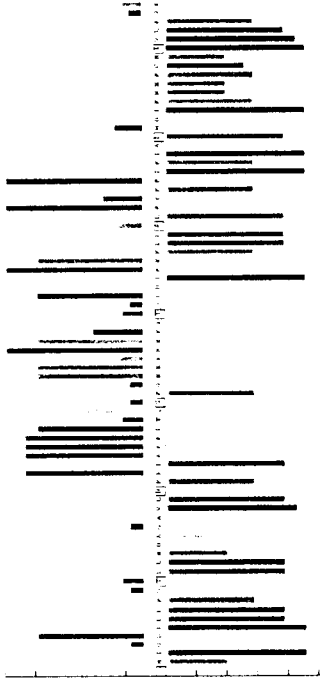
Page 2 of 2





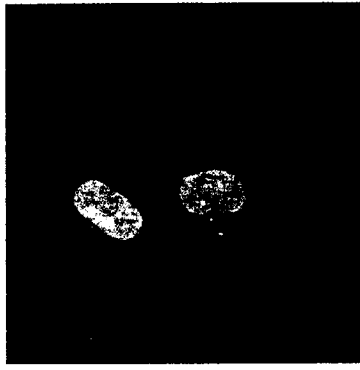
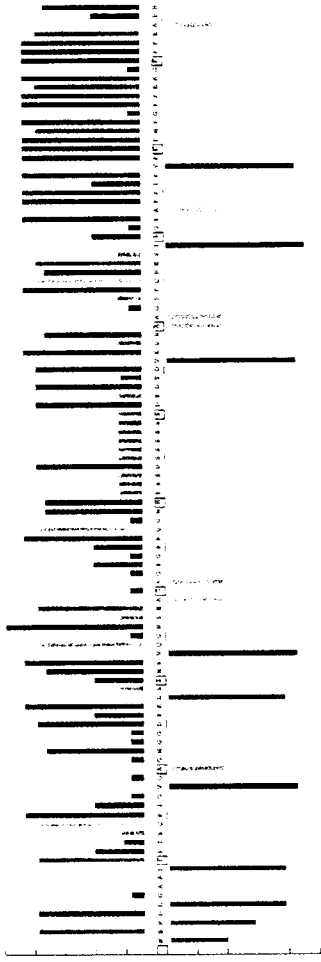






HP10658

HP10658



100
90
80
70
60
50
40
30
20
10
0

1000
900
800
700
600
500
400
300
200
100

