

# FUNCTION FINDERS

Rasmol reference

Rasmol file	Number	Protein profile	Protein name	Sequence
P53_HUMAN	1	P53: Protecting the genome	P53	M E E P Q S D P S V E P
LUCI_LUCLA	2	Luciferase: Lighting the way	Luciferase	E N M E N D E N I V Y G
OR1_ANOGA	3	Odour receptors: Picking up the scent	Odorant receptor protein OR1	G W A L R I M F L H L Y
ANP1_ANALU	4	Fish antifreeze protein: A cool customer	Antifreeze protein type III	M K S A I L T G L L F V
ERBB2_HUMAN	5	Cell switches: To divide or not divide?	HER2	M E L A A L C R W G L L
NXL1A_BUNMU	6	Snake venom toxin: Small but deadly	Alpha-bungarotoxin	P G E N L C Y R K M W C
LGB2_VICFA	7	Plant haemoglobin	Leghaemoglobin	M E F T L R Q E A L V N
CASP1_HUMAN	8	Caspases: Cellular self destruction	Caspase 1	E K R K L F I R S M G E
GFP_AEQVI	9	Fluorescent protein: Glowing green jellyfish	Green Fluorescent Protein	M S K G E E L F T G V V
H2B_PEA	10	Histones: its a wrap	Histone H2B	P R E I Q T A V R L L
MUC1_HUMAN	11	Mucins: Cell slime	Mucin-1	P G G E K E T S A T Q R
MYH1_HUMAN	12	Myosin: Making muscles move	Myosin 1	M S S D S E M A I F G E