

# FUNCTION FINDERS

Rasmol reference

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