

Gene ID- LmjF.	Function	Start	NUDIX domain box				End
31.2950	Mutt/NUDIX family Mitochondrial RNA binding complex	194	QRRK E SKV L T	LLSG F VLH G ES- A E T V R RE V EE E SG	ARVSKV R Y		236
32.2440		208	PPD I PP I SLK	TPGKW T LLY E Q-YKE A A I R T L W E E T G	IT V E A GN V		250
36.0300	Mutt-NUDIX- hydrolase	124	--GSHK S EMS	F PGGH V DD D ET-L R N A A Q RE T LE V G	LPP S EY E I		164
36.3660	NUDIX hydrolase 3	89	--P V DS V C L E	F PAG L VDD N EN- A G Q A A I R EM H E E T G	F V V D ET D I		129
20.0380	hypothetical protein	54	KAR F MPG V Y V	F PGGG I EGSDY A A A THY L A E HY--- N	LHL Q D A AD		94
07.0335	NUDIX family hydrolase	164	- V RR W SG Q I V	F PGGR R DPDDHDD F D T V C R T TY E E I G	F P L Q HH--		204
05.0090	NUDIX hydrolase 2	26	T DH--- F Q C -	V QGG I - E AYD V D I R L AAL R E V EE E I R	L-K P QD--		60
32.1530	NUDIX hydrolase dihydroneopterin triphosphate	35	T SN V K F R Q T-	V QGG S - E G D ESP Q K T A Q - R ET W E E I G	V D L D K D--		73
32.1540	pyrophosphohydrolase	60	E SNKCY R Q T -	V QGG S L E G - E TP M Q T A A - N E A W E E I G	LD L A K D--		98

Supplementary Table 1: Partial sequence alignment of different NUDIX domain proteins from *L. major*: Amino acid sequence alignment of nine NUDIX domain box proteins from *L. major* showing conserved residues (shown in bold) of 23 amino acid NUDIX domain box.