

Clustal O alignment of LM03 proteins from vertebrates

Homo sapiens	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Mus musculus	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Bos	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Canis	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Cavia	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Danio	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Equus	-----SQSQPDTPKPGCAGLHPK-RTRYLLKALDKYWHEDCLKACCCDRLGE	47
Felis	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Gallus	MQKKEKSFQIQLMSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	60
Macaca	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Meleagris	LLSSCCVSGIQMLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	60
Oryctolagus	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Oryzias	MQKREQSFQIQLMSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	60
Rattus	-----MLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	49
Takifugu	MQQRDRSFQIQLMSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCECRLGE	60
Tetraodon	ICLCSLPSGIQMLSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCECRLGE	60
Xenopus	MHRREQSFQIQLMSVQPDTPKPGCAGCNRKIKDRYLLKALDKYWHEDCLKACCCDRLGE	60
	. ***** . * : *****;*****;*****	
Homo sapiens	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Mus musculus	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Bos	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Canis	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Cavia	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Danio	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Equus	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	107
Felis	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Gallus	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	120
Macaca	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Meleagris	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	120
Oryctolagus	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Oryzias	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	120
Rattus	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	109
Takifugu	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCS	120
Tetraodon	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCS	120
Xenopus	VGSTLYTKANLILCRRDYLRRLFVGTGNCAACSKLIPAFEMVMRAKDNVYHLDCFACQLCN	120
	*****. *. *. *****;:*****.	
Homo sapiens	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Mus musculus	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Bos	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Canis	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Cavia	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Danio	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Equus	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	143
Felis	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Gallus	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	156
Macaca	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Meleagris	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	156
Oryctolagus	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Oryzias	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	156
Rattus	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYAPQVR	145
Takifugu	QRFVGDGKFFLKNNLILCQTDYEDGMMKEGYAPHVR	156
Tetraodon	QRFVGDGKFFLKNNLILCQTDYEDGIMKEGYAPHVR	156
Xenopus	QRFVGDGKFFLKNNMILCQTDYEEGLMKEGYSAQVR	156
	*****;*****;***;***	