

H2A.M.fasta

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Monodelphis 334338556 H2A.MMPEKASHHGSLNTHNQIRSRSSRAQLQFPVSRVDRFTRGHYAQRLESSAPVFLAAVLEYLTAETLELAGNAARDNKKTRIAPCHVFLAVRNDVLELNQLFGHVTISQGGVLPRIHPFLVQPATGGRSSQSHVGRNHNYSVKA	142
Macaca|355704714|H2A.M	.....MSEKNNRKNSANNNQIQDRSRNEIRVPSSEVDRVVQDEQDAQSQSSSTINILLTLDDCLADYIMEQVGLAINGRMRNTSDGEREGDNHHEPHRTESDGTRF.....VFDEMPKSGKND	117
Homo|3329433|H2A.M	.EPNPANIMSEKKNCCKNSTNNNQTDPPSRNELQVPSSEVDRVVQDERDVQSQSSSTINTLLTLDDCLADYIMERVGLASNGSMRNTSDREREVDNNREPHSAESDVTRF.....LFDEMPKSRKND	124
Pan|332860554|H2A.M	.....MSEKKNCCKNSTNNNQTDPPSRNELQVPSSEVDRVVQDERDVQSQSSSTINTLLTLDDCLADYIMERVGLASNGSMRNTSDREREVDNNREPHSAESDVTRF.....LFDEMPKSRKND	117
Homo|150456434|H2A.M	.....MSEKKNCCKNSTNNNQTDPPSRNELQVPSSEVDRVVQDERDVQSQSSSTINTLLTLDDCLADYIMERVGLASNGSMRNTSDREREVDNNREPHSAESDVTRF.....LFDEMPKSRKND	117
Heterocephalus|351707643|H2A.M	.....MCEKKSQYGSYKDNQQEDPASRPEQQPLPVSDFYCI LHEEYNPYF.SSTSDLLIAMLBSLTDYILTLCGSEGNVVGMPNTNQDGEREDNNHEHPPIIPDVSEFS.....FSDEMPGSRKKQ	116
Cricetulus|354492127|H2A.M	.....MSGKKNQKSCSDNKKMEDPSSKPEVQVPVNYVYRLQEEQYTPCIGSTTSDFLLAMLDYITDYILEVVGSEANINSQQDIPQDRERQCDNDHDSHAFKNAPFS.....LFDEMPGPRRNG	117
Rattus|197386154|H2A.M	.....MSGKKSQEKACSDNKKTEDPSSRPEVQVPVNYVYRLQEEQYTPCIGSTTSDFLLAMLDYITDYILEVVGSEANINSQQNISQDRERQRENDREPPQAFKNAPFS.....LFDEMPGPRRNG	117
Mus|13385600|H2A.M	.....MSEKKSQEKPCSDNNQTEDPSSRPEVQVPVNYVYRLQEEQYTPCIGSTTSDFLLAMLDYITDYILEVVGSEANINNQQNISQDRERQCDNDREPPSRGFKNAPFS.....LFDEMPGPRRNG	117
Sus|311276123|H2A.M	.....MSGKQSPEGSEYAPTHL....TTTEPPQVPVSFVDHLQEDQYVHTLSSSTTHFLFSVLEYLTDYILDLVDLKAINTGRMQMTPQDVERAVDSNAEPHRQVKDTAFEA.....LFDEMPGSRRNG	113
Canis|545557820|H2A.M	MEPNPANIMSGKNHESSNQTAHL....VTTELQFPVSYVDRILQEDQRTHCSSSTSTBFLIAMLDSLTDYILERVGT EANNNNMQTAPQDVERAVGSNREPPQQCLKDTAFET.....LFDEMPRSRRNG	121
Ailuropoda 301755368 H2A.MMSGKSHESSYQTAHL....ITTELQFPVSYVDRILQENQYNHPLSSSTTDFLITMLDYLTDYILDVVGTEANNNSMPTAPQDVERAVDSSGEPPYHRSKDTAFET.....LFDEMPGSRRNG	113
consensus	MS*K* S **** ** ** E*Q*P***V****Q**** **S*T* *LL *L* L*DYI***VG*EA N* * QD ER *** E* * ** *FDEMP *R*N*	

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Monodelphis 334338556 H2A.M	K	143
Macaca 355704714 H2A.M	.	117
Homo 3329433 H2A.M	.	124
Pan|332860554|H2A.M	.	117
Homo|150456434|H2A.M	.	117
Heterocephalus|351707643|H2A.M	.	116
Cricetulus|354492127|H2A.M	.	117
Rattus|197386154|H2A.M	.	117
Mus|13385600|H2A.M	.	117
Sus|311276123|H2A.M	.	113
Canis|545557820|H2A.M	.	121
Ailuropoda|301755368|H2A.M	.	113
consensus		

- non conserved
- similar
- ≥ 50% conserved
- ≥ 80% conserved