

Supp Figure 2

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HsUCH37	MTGNA----GEWCLMESDPGVFTELIKFGCRGAQVEE IWSLE-----	39
PfUCH37	MARDNENILEEWCLIESNPCIFYDMLKRMGATEISVEDVYSLSYFDDYINNKEIINMNI	60
HsUCH37	-----PENFEKLP----VHGLIFLFKWQPGE	62
PfUCH37	LGVDTYLGENNKTLDKENNVVDVIELYKNNICMEDKYNKLLKHHSYIYGIIFLFNIGKHY	120
HsUCH37	EPAGSVVQDSRLDTIFFAKQVINNA C ATQAIVSVLLNCTHQDVHLGETLSEFKEFSSQSF	122
PfUCH37	K--NNKYIEHNVPDNLFFAKQVIPNA C ATQAILSIVLN---KDIELNDEIKNIKTFSLNFD	176
HsUCH37	AAMKGLALSNSDVIRQVHNSFARQQMFEDT--KTSAKEEDAF H FVSYVPVNGRLYEL DG	180
PfUCH37	SSMKGLTLSNCTFLRNIHNSYKPPYLDKEDVHHDKKKSEDS F HVSYISFQDKVYLL DG	236
HsUCH37	LREGPIDLGACNQD-----	194
PfUCH37	LQSGPVLINADEQ NKPNPNNNNNNKDNNDN NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNI GMN	296
HsUCH37	--DWISAVRPVIEKRIQY----SEGEIRFNLMAIVSDRKMIEYQKIA-----	236
PfUCH37	GKDWIEISREHIKKEIDEICNSQTNNDVRFNIIAVMKDKEYIIQEYINIHRIVKQRVNIK	356
HsUCH37	-----ELQRQLAEEE-----PMDTDQGSMLSIAIQSEVAKNQMLIEEEV	275
PfUCH37	LINLGENIELSDEINEDEFLLNDIPS IENLPNNVDTLYNIVNKSTLEINYLQSLLEHQK	416
HsUCH37	QKLKRYKIENIRRKHNYLPFIMELLKTLAEHQQLIPLVEKAKEKQNAKKAQETK	329
PfUCH37	EIKKLWNKELTFKFFNFYPFIMSSLNLMAKHK----LLKDAYQKEKLNATKS-	465

