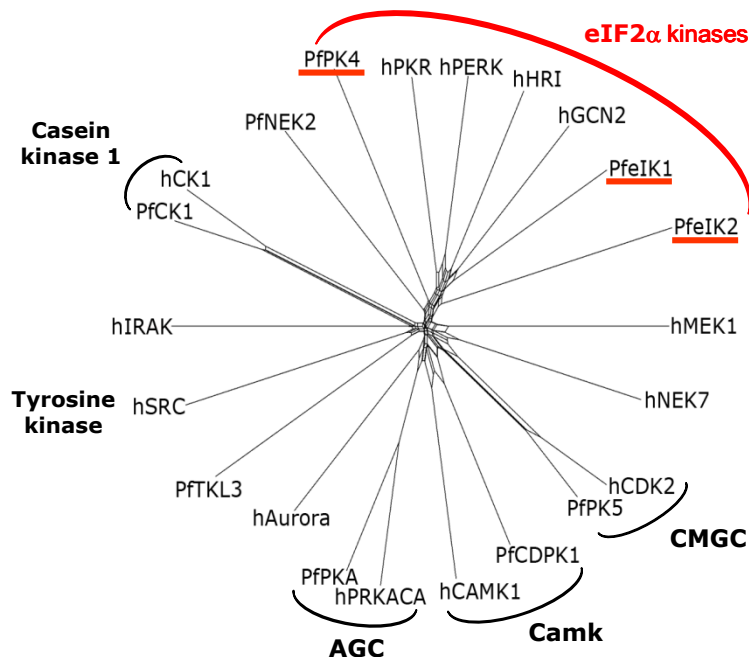


A



B

PfeIK1	KEIIEMNSRYRIRFFEEKILGSGGFGYVMKVKNKFNITYALKIIRLSNSKYNT--QTNNKHIN--	477
PbeIK1	KELINKYSRYRIRFSEESVLGSGGFGYVMKVKNKFNIAVVKRITLSINKYNNHIKNSKHNDIE	466
HsGCN2	SETQRQESRYRIRFFEEKILGSGGFGYVMKVKNKLDGCCYAVKRIPIINPASRQF--RR-----	632
PfeIK1	-----EKDNNSYIMEBAIMIAKLOHENIVRYYEAWVENVDFFLY...//80//.....KNKD	601
PbeIK1	PMISGSFSSGNNIMNENNSIMEFVIMIAKLOHENIVRYYEAWVENNIDYYLF...//38//.....NKEN	561
HsGCN2	-----IKGEVTLTSLRLEHENIVRYYNAWIERHERPAGP...//127//...EPSV	790
PfeIK1	PNVNDKLYLIIMEYCPGKTLREAIIDCGFICRNEKLIWELIKQILRGISYIHDMMKIMHRDIKPSNIF	667
PbeIK1	IKINEKLYLIIMEYCPGKTLREAIIDCGFIYKNEKLIWELIKQILRGIIYIHDMMKIMHRDIKPSNIF	627
HsGCN2	TTEAVHYLIIMEYCEKSTLRDTIDQG-LYRDTVRLWRFLFREILDGLAYIHEKGMIMHRDIKPVNIF	855
PfeIK1	LQITDNLILAKIGDGLTIT-----RIGDTC-----INPSA-----GTIHYISPEQLNGEP-	712
PbeIK1	LQINDDILSAKIGDGLTIT-----KIDNTC-----INPSA-----GTVNYMSPEQLNGEH-	672
HsGCN2	LDSDDHV---KIGDGLATDHLAFSADSKQDDQGTGLIKSPSGHLTGMVGTALYVSPEVQGSTKS	918
PfeIK1	-FNEKADIFSLGVVFFEMFHEPFSTSMERSITLSNLLKGIYPEYMKAD-----NKKFQFLSSLLAI	772
PbeIK1	-FDQKADIFSLGVVFFEMFHEPFSTSMERSIVLSNLLKCIYPEISIRSD-----NKIFQFLSLLAI	732
HsGCN2	AYNQKVDLIFSLGIFFEMSYHEPMVTASERIEVLNQLRDPTSPKFPEDFDDGEHAKQKSVISWLLNH	984
PfeIK1	NPQERCCAYNLLHESVLFTEFKDFTDIYNLIDNKRNCEEVHTIISTLFDKFEYLNDSKILKKEDEFS	838
PbeIK1	LPQNRLLSAYSLHENFFFSYEKNFENIYNLVEKKRNCEEVHTIISTLFEKNDNKIEKNSIKKEDMV	798
HsGCN2	LPKRPTATELLKSELLPPQMEESSELHEVL-----HHTLTNVDGKAYRTM-----	1030

C

