RnorGRIK2 RnorGRIA2 DmelIR25a DmelIR84a DmelIR84a DmelIR84a DmelIR76a DmelIR41a	S1 LIVTTIL-EEPYVLFKKSDKELYGND-RFEGYCIDLIRELSTILGFTYEIRLVEDGKYGAQDDVNGQWNGMVRELIDHKADLAVAPLAITYVR VVVTTIL-ESPYVMKKNHEMLEGNE-RYEGYCVDLINEIAALVHFDYTIQEVEDGKYGARDADTKIWNGMVGELVYGKADIAIAPLTITLVR YRIFTVV-QAPFIMRDETAPKGYKGYCIDLINEIAALVHFDYTIQEVEDGKFGNMDE-NGQWNGJVKKLMDKQADIGLGSMSVMAER FRIGTAE-SIPWSYLRREEGTGELIRDRSGLP-IWEGYCIDFIIRLSQKLNFFEFUVAPEVGMGELNE-LGEWDGVVGDLVRGETDFAIAALKMYSER LRVATVVTGRPLTLSDDELIRFISQENDTHID-SLARFGFHLTIILRDLHCKMKFIFSD-SWSKSDV-VGGSVGAVVDQTADLTATPSLATEGR IGSTVLT-EKPPGFGDMEYLADDKQLQQLD-EMQRKTYQFQLVERMFNISLAISITDKWGELLD-NGSWSGVMGQVSSREADFAVCPIRFVLDR VVIGIFD-YKPFMLLDYEKPPLYYDRFMNTTDVTIDGTDIQLMLIFCELYNCTIQVDISEPYDWGDIYL-NASGYGLVGMILDRRNDYGVGGMYLWYEA VIIAGFD-YPPYTVIKHNMSTNAQDMGVSGES-DFKNYYIDGTETRIVLNFCEQFNCTIQIDSSAANDWGKYYP-MSGDGALGMLINRKADICIGAMYSWYED
	S2 CREL
RnorGRIK2 RnorGRIA2 DmelIR25a DmelIR75a DmelIR75a DmelIR76a DmelIR76a	CREL EKVIDFSKPFMIL-GISILYRK PIDSADDIAKOTKIEYGAVEDGATMTFF EEVIDFSKPFMIL-GISILYRK PIDSADDIAKOTKIEYGAVEDGATMTFF EEVIDFSKPFMIL-GISINTKK PIDSADDIAKOYKILYAPINGSSAMTYFERMSNIEQMFYEIWKDLSINDSLTAVERSKLAVWDYP-VSDKYTKMWQA EEVIDFLPPYYEQTGISIAIR- PVQSLEQLARQSRINYTVVKDSDTHQYFVNMKFAEDTLYRMWKELAINASKDFK-KFRIWDYP-VSDKYTKMWQA EEVIDFLPPYYEQTGISIAIR- PVQSLEQLARQSRINYTVVKDSDTHQYFVNMKFAEDTLYRMWKELAINASKDFK-KFRIWDYP-VSDKYTKMWQA EEVIDFLPPYYEQTGISIAIR- VOIFRT KIKTMRQI-AESSITVGLEELPFTKSVI
RnorGRIK2 RnorGRIA2 DmelIR25a DmelIR8a DmelIR75a DmelIR84a DmelIR76a DmelIR76a	MSSRROSVLVKSNEEGIQEVLTSDYAFLMESTTIEFVTQRN-CNLTQIGGLIDSKGYGVGTPMGSPYRDKITIAILQLQEEGKLHMMKEKW MRSAEPSVFVRTTAEGVARVRKSKGKYAYLLESTMNEYIEQRKPCDTMKVGGNLDSKGYGIATPKGSSLGNAVNLAVLKINEQGLLDKLKNKW MQEAKLPATIDEAVARVRNSTAATGFAFLGDATDIRYLQLTNCDLQVVGEEFSRKPYAIAVQQGSHLKDOFNNAILTLLNKRQLEKLKEKWW INSSQPVADAKEGFANVDAHENADYAFIHDSAEIKYEITRNCNLTEVGEVFAEQPYAVAVQQSHLGDELSYAILELQKDRFFEELKAKYW RKIESQTQNPELWLPAEQGVLTVRDNPGYVYVFETSSGYAY-VERYFTAQELCDLNEVLFR-PEQLFYTHLHRNSTYKELFRLRFLRILETGVYRKQRSYW KICKSGEHNIMSLQQGAEHIQGRFAFHTAIDRMYRLLLELQMDEAEFCDLQEVMFNLPYDS-GSVMPKGSPWREHLAHALLHFRATGLLQYNDKKW FHIYSDDELLRLAQDQHMRIGFTVERLFGHFAIGNY