

	NAMES OF A DESCRIPTION
Drosophila_DEPD	YNDYYNRYVO-PADVALI SYRITFKDOTIORSENHALKTALTNTCYTLNKKIESCSOCIR ISSYVNRIYK-PADVALI SYRITFKDOTIORSENHALKTILTDTCYTYNKKIDYSDROIR ISDYNHYVN-PESVALI SYRITFKDOTIORSENHALKTILTDTCYTYNKKIDYSDROIR IODYYWYVO-PROVIL SYRIFFKDOTIORSENHALKSLWSTCATTCYTLKKIEGOSIR ISSYVYTYO-POPALL LYRUFKDOTISSONKALKKELVOTCIISOCHILGG-IS ISSYVYTYO-POPALL LYRUFKDOTISSONKALKSLWSTCATIOKURIGG-IS ISSYVYTYO-FROVALL LYRUFKDOTISSONKALKSLWSTCATIOKURIGG-IS ISSYVYTYO-KOPALKILYRUFYSOTISSONKALKSLWSTCATIOKURIGG-IS ISSYVYTYO-KOPALALIYNG SUCHARANGYN SYNYACATIOCTISOCHIFAG-IS ISSYVYTYO-KOPALALIYNG SUCHARANGYN SYNYACATIOKURIGGG ISSYVYTYO-KOPALALIYNG SUCHARANGYN SYNYACATIOKURIGGG ISSYVYTYO-KOPALALIYNG SUCHARANGYN SYNYACATIOKURIGGG ISSYVYTYO-KOPALANGYNYN ISCLLWSGONYLSSKING SUCHARANG SUCHARANG ISSYVYAYO-ROBVCY FYRLFKDOFISSADIWI SYNYACATIOCUN SUCHARANG ISSYVYAYO-ROBVCY FYRLFKDOFISSADIWI SUCHARANGYN SUCHARANG Y-SYNYAYO-ROBVCY FYRLFKDOFISSADIWI SUCHARANGYNAUSOTAWO Y-SYNYAYO-ROBVCY FYRLFKDOFISSADIWI SUCHARANGYNU SUCHAUGUN SUCHARANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHARANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHANGYNU SUCHANOUN SUCHANGUN
Louse_DEPDC	TADVIMAVN-PESVALISIBLIF ROOTIGESENWELESSLENTCVILSERIEPCGGSIE
StiPre DEPDCS	YXXYXYTYO-PODVALL VELVE KEOTISESDAWSLANSLVDTCISICOKLELSGIS
Tunicate DEPDCS	FODVIVIATE-PEDVALILFEVSFEDOTISESDAWARAKTFLNSCVTIDOTLFFSGIR
Ascaris_DEPDC5	NQNYTVKVVD-KRQVALINIELTFREATHSRSDNWRYRSCLLNTCATIGERLENLGIF
Ustilago_INL1	RAEAILTRYT-KDDFTIIIVELTFRDQTVGRAENWRVFQNLEDTCVTCGQKVTLAG-SVR
Saccharonyces I	FRANTYRAND-ORDVCVEFYIKDCLLNRGDRWYLSSKLVDTCVFHDORLAFLD-SIR
Albugo VMAP	FXBVVIRFVP-KDOVEANFVEISLKDOFISRADLWILKRSLTGKPVSVGKNVRVEGTRNO
consensus	y-dv-mrvvp-dvald-vEltfkdqyi-RsdmWrlk-sll-tcvyl-kkiey-gir
Measurite acaron	COTTEMPSORE RACOVINED FROM FROM FROM FROM FROM FROM FROM FROM
Drosophila DEPD Louse_DEPDC	COVIENNSOGERVASGVITEDTKIVPRESTSNVTLFLONSSENNDFDIRGDLYFEKAVNG Coviennsogervacgviaedtkivprestsnvtlfignssenndcdingdlyfekavng
Numan_DEPDC5	COVHERNSOGDRVACGVIAEDTRIVFRENTSRVTLFIQNSSENNDCDISGDLTFERAVRG AQAGELNVKNERVNCGTISEDTRVVFRETSANVTIFIQNSCENNDFDITGDLTFERAVNG
StiPro DEPDCS	A CONTRACTOR OF A CONTRACTOR O
StiPrp_DEPDC5 Tunicate_DEPDC5	AQVQELWSRWERVSCGAITSDTRVAFREATANVILFIQMSSENWDFDTCGDLTWEKAVGG AQVSELWSRSKKVRCGTITDFTFFVLBETAEVIVFIQMSSENWEYDATGILOFERAING
Ascaris_DEPDCS	TUY DOLLARDONNAGO YAND TAYYA SARALAY YU SASAH DIDARAY CU Atiga if karkyadi yu sa tai saralay sa akiri taya sa akir
Ustilago_IML1 Saccharomyces_I	ATTGATFIKEKKYTSGTVSASTKATFAESSAKTKLFIGLSRENKEFDEDGETTTEKALOG
Phytophthora_hp	SOVDAILADNTOLSCOVICDATEIVUSSESSLFVLVONSTENVEFAPDOEITYTELLNE
Albugo VMAP	VHDVHASESEEDAVSQVIBERTELSLEREFTSRVHWLIGISFELEDLANSQTHTLEILVH-
CORSORAUN	-qv-enwserv-oG-itedTkvvfRS-tsnvylfiQassEnWdfdGdlyfekavag
Mosquito_AGAP00 Drosophila_DEPD Louse_DEPDC	FLADLYXXWQXLGSN#EVTIVLFSRTFTSAKSLDEFPPENRDCLQIDTR
Drosophila_DEPD	FLTELFORWRELSCHREVTIVLFORTFYAAKSLDEFPEEMRDCLOODTE
Ruman_DEPDC5	PLSDLFQKWKKNOCYNEVTIVLFSRTFTKAQDLEKFPIYWRECLOQDYK
StiPro DEPDCS	FLTDLFNEWRDEGVNNEATVVLFSETFFEAESLDQFPEEMRDNVEVDTA
Tunicate_DEPDC5	FLEALFERWEQEECCHELTLVLFSRTLTETQDIEDFFIELRDCLRRSTQ
StiPrp_DEPDCS Tunicate_DEPDCS Ascaris_DEPDCS	FFFELFERMREQUCARTVSFIVCBRWIFREELINDEMKERICKDEN
Ustilago IML1 Saccharomyces_I	FIFELLRAWAAVPTNELLTVILFARVETOESEIMKLEGFIRGAAR
Phytophthora_hp	LLEVLIDEMSESSVSESVTIIAFSESTDANOFPDDFDPREAFFSDPREQGFGPGCGAPG
Albugo VMAP	VVEHVLORWIRERVSHSLTILFFARSTYPENEREGNENSAEGHECTSTASERKAASSSNP
CODSERSUR	fl-dlf-xwrhevtivifsrtfy-a1d-fpmrd-1d-r
Mosquite_AGAPO0 Drosophils_DEPD	
Drosophils_DEPD	
Louse DEPDC	
Louse DEPDC Human DEPDC5 Stiprp_DEPDC5	ASTARTAL VUST STATISTICS AND
Tunicate DEPDCS Ascaris_DEPDC5	NOLINOPIKCVVQTERLEDCISLIITLKRLPNKTERLIEDG GKTCOFFALVQKRATDPMRVLPKLALVFITIKSIRVLR GKTCOFFALVQKRATDPMRVLPKLALVFITIKSIRVLR
Ascaris_DEPDC5	
Ustilago_IML1 Saccharomyces_I	
Phytophthora hp	INMANGYGPTIEVDPVSGRYTEDFTEVVVNNFTGPDNSRLVLLLKKEFASYYEMERWRTP
Albugo VMAP	ICVDEENARTOBFTKVVIFDSTITDVQFLLVKLKCELNDFFRVCGWASP
consensus	grfy-Dfyrvvvqnor-ddwvllkrlfyvl
Mosquito_AGAPOD	RADLPAGVRIPPATNSTAAQGEFEEVLNIS RE
Drosophils_DEPD	RE
Louse DEPDC Human DEPDC5	EGFPOGDESTSAOGNTLEAINLS
StiPrp_DEPDC5	
Stiprp_DEPDC5 Tunicate DEPDC5 Ascaris_DEPDC5	CPRGINSTSSEGNFLEAINLS KEP
Ustilago_INL1	PISGPAASHELEADLINDRVEMAGRISSSTEGNLEAINLA
Saccharowyces T	DEGTSVANGRFSPVIKSMPLELVEFA
Phytophthora hp	EEFSAAKTEICRCPKPATSTNTGKTSEKGTMDVTIKWTKLPSGVPSRARDGNILEAINVT
Albugo_VMAP	KFWNDETSSSTSISOSQQWTRDGVFANAQDGMLENAIMIV 
Nosquito_AGAP00	LNYFEKHTLDRSFDRTGQLSVVITPGVGVFEVDRELTNITKORTIDXGVGSBLVCVGEQF
Drosophila DEPD Louse DEPDC Human DEPDC5	LNTFRENTLORTPORTOLSVVITPOVOVPSVORSLTNITKORIJONOVOSDLVCVGROP LNVFERETLORSFORTOLSVVITPOVOVPEVORELTNVTKORIJONOVOSDLVCVGROP
Bunan DEPDC5	FRUFRENT NEXT DETONICUT TERUSTIANT LETERENT AND CONTOURS
StiPrp DEPDCS	LNVFDERTVDENFERTOOLVVLLTFGAGVFDVDERKCHITROENIDSGIGSBLVCLAEOF LNVFEGHINSKPDETGGIVVCITFGVGVFDVDERLTVLTEIRHIDSGIGSBLICLGOOF
StiPrp DEPDCS Tunicate DEPDCS Ascaris DEPDCS	LWYFEQHINENFORTSOLVYCITFEYSYDYDYDXXLTVLTXIRMID#GIGSBLICLGQOP M#SFDSYTTDRFFT5G0011TVTPGGVFNYDRHLVNFTRORLID#GISLDIVCLGEOP
Ustilago_IML1	LNPFDIETIDEDLNETGLENVFLTAGTGEFDVOKKLLEITTERMIENGTGLELVCLTENF
Saccharomyces I	LNPFDERTIDRDLNRTGLSNVFLTADTGRFDVDRKLLRITTERNIENGTGLDLVCLTRNP TTILTDPFKQLDLRETTRVNIIBPGSGLFDVDTSLLRLTGKKLLSLENTNDLICLSKAP
Phytophthora hp	LNVLDERTNDRDLSRTGQGIVMNTAGCSIFNVDRELAEITEQRMNDWGVGNDMISLTTPF
Albugo_VHAP consensus	LNIFOKNNIDAKLANTOONVVIATAGNOIPKVNKQLSSITEQAKMDXGIGIDIICLSSPP Invfdkhyldr-fdrtgqlvvvitpG-gvFeVdr-1iTkqrmidsgvgvDlvclgeqP
Mosquito_AGAPOO Drosophils_DEPD Louse_DEPDC Humas_DEPDC5	LEAVPLLEFHT
Louse DEPDC	LHAVPLLEFBR
Human_DEPDC5	LHAVPLFELENREAPRDERLOOD
StiPrp_DEPDC5 Tunicate_DEPDC5 Ascaris_DEPDC5	LAAVPLFAFER
Ascaris DEPDCS	LEAVPLFVFQZ
Ustilaco INL1	LHAVPLFRFHN LHAVPLFXFHI LHAVPLFYFR LHAVPLFYFR LHAVPLFYFR LHSVPLFHFRS YPDPSELROSQAAAMSSQUATOPGAGPGMTVHRPGOPALLSRHSSSR
Saccharomyces_I Phytophthors_hp	LNIVPLYNYRD
Phytophthors_hp Albugo_VMAP	LEVVPLPITRSLPSGRTAAGLRP
CORSERSUS	LERCPLFIFKO LERVFLfkfha