

A

PG1587 (1) MFLEYILEVERNLFLTLNGVQHPLLDGFFYLISAKWTWVIMSIAFLPFLF
 Fn LpxF (1) -----MARFHIILGLVVCFFAWIFFLI

PG1587 (51) YKKPTKEALFIVGAVLLSVLICDQLSSSFKPF FARFRPSHHPDFIDYVK
 Fn LpxF (23) FPNLDIQFAGHFYNSSAHQF IGGYDGFLGELHW FARFFPIFFSIIIVILFL

PG1587 (101) TVYGYRGGKYGFISGHTTNYISLALFTSRIFRNKFYTWTIWS----VVAL
 Fn LpxF (73) LGSFLID-KFKIKYRKAIFFLAVCLWIGPGLVVNVYFKDHWGRPRPVME

PG1587 (147) VIYSRIYIGVHFITDIIPGIAVGLIVGHFVYKVLYARSRWLGAS---CP
 Fn LpxF (122) QFNGDKIFQPPFVISSQCDKNC SFVCGDASMGFWLFAFMPLLATRKKKLV

PG1587 (194) AHPSAVYAGDSIRLWTL SLIGFVFAMLCMSRQLTEILQYYVFLLF
 Fn LpxF (172) AFIAAVVAGGGLGLMRMSQGHFFSDVVFCGIFVYISTWVVYALMYRKKEY

B

PG1773 (1) -----MNRES FLLLLVLLFALPLHLQASSPCNNMADTTCISDSA
 Fn LpxE (1) MLKQTLQTNFQGFKDIFKKPKLHNHKLPRYLQLKYTFIPLLLIVIFAYYN

PG1773 (40) KMFPPAIGVYHVKP--MKNTRLRHSPLVAASLLTFNVDDNIRELRFITGAG
 Fn LpxE (51) LDT PVENYIKHSM PNIVGVIFGKITDVGKA EYILIICGVIVLARLFTDSQ

PG1773 (88) SFHTKIDNVSQLVPLMAQLSMRGFGYKGRSKSWGKMLVSDALGMALMGM
 Fn LpxE (101) KLSANTRAMFDKVSAYAGFILATVAISGILG---QILKMIIGRARPCKFF

PG1773 (138) VNAGKYSFGRLRPDGTAA NSYPSGHTATAFACATLPHLEYGSRSPWYSAA
 Fn LpxE (147) LEYGSHYFQHFHAPGYDFASMPSGHSITVGAMFIAFFYIF----PKLRYF

PG1773 (188) GYTVASLTGISRIVNNRHWA SDVLCGAAVGILVGELGYWISDLIFRDPTG
 Fn LpxE (193) WYLLIVVFAGSRIMVGSHPYSDVIFGVAFGCYCTAYIYYWMRNREII

PG1773 (238) YNYKLTKKQEGTLESMVISLSTGNRYINRQMDFEGKTVERTDAFGMNLKT

PG1773 (288) TFNPSFARWVRIGSQFSVSTEQKVLTRERPAKVVFVAPAI SLGLSAGVEW

PG1773 (338) HPWQRASVWAEILPSILFRTDFTNAQDEPDEMSSKLHRRSSFQPAFQVGV

PG1773 (388) AYRVSDHMGIEAHAGYQLGEAVYHLMEETSTWSIIKKRATVPYRGFEFAV

PG1773 (438) GLQFYPPFR