

A

H <sub>B</sub> AC gene	AF293 Chromosome 3 Genome Location (bp)	Percent nt identity
<i>hrmB</i>	1023704 - 1025056	93%
<i>bafB</i>	1051538 - 1050966	89%
AFUB_044370	1049272 - 1047590	92%
AFUB_044380	1042710 - 1041989	95%

B  
AF293 '*hrmB*' Chr. 3 Region Translated

MARSNYLRIFRVLEEINQRHTIPNIYYEALEDCLVITFTQP SGPLKQSKTCYLKKEYKLQ  
 YKNTNTHR VYVEILEDYPQLFIPFILATPPKSCETFKLGEFREKHDLSAVKVDLRPNIQQ  
 TLDNITNQGKFNQNR\*Y\*Y LICMLFPLGRKPATTAET\*NCWAYRAAYLNTVHTIFSK\*Y  
 SAMEVSLTAHSPECQAPQTTSCVEMKLPKQNYQDAIVLLELSLLIDI IKILFPSANE\*II  
 CSLSPQSGRGLPLEPTQITEPGHHNS\*SE\*STISQSKGYIL\*GASISAILSIFSPCI\*GAI  
 EKS\*LRK\*EKDNLSEETDTCILIKIHLRRPHCSTCRV\*IRFINDSYFRRKTVHLSLSLSA  
 PNLLALLILEFNIFVETVEPSFVFWKYIIHWMFVAVIKEAQRNSKGF PKGALQCCEYI  
 HKD\*

C  
AF293 '*bafB*' Chr. 3 Region Translated

MVWYRAILICMLWWLMGYNSTNKGK\*SEGKRAPMINKVPTFEEIITSAKYVNSEKIE  
 HTVIKTKQINN\*GDT SISNND SNSTIETRY SGLSSVSYSD\*SKVVKDTNALEPELFAIY  
 SSYINASTSK\*MLRLYYELPVSLDNLKITGLESRIPE SNND SIKACFCYWGEKFWLYFPY  
 SYAKARMVLIGVY