gnl|CMER|CMT530C_similar_to_phenylamine_binding_protein,_sterol_isomerase

XP_761356 *Ustilago maydis 521* EAK82897 hypothetical protein UM05209.1/hypothetical protein UM05209.1

XP_755724 *Aspergillus fumigatus Af293* EAL93686 hypothetical protein Afu2g13910/EBP domain protein, putative

BAE59668 *Aspergillus oryzae* unnamed protein product

XP_387327 *Gibberella zeae PH-1* EAA76963 hypothetical protein FG07151.1/hypothetical protein FG07151.1

XP_323054 *Neurospora crassa* XP_961099 *Neurospora crassa* CAC28673 *Neurospora crassa* EAA31863 hypothetical protein ((AL513443) related to C-8, 7 sterol isomerase/emopamil-binding protein /hypothetical protein ((AL513443) related to C-8, 7 st

XP_368532 *Magnaporthe grisea 70-15* hypothetical protein MG00712.4

AAH78134 *Xenopus laevis* Ebpl-prov protein

XP_534113 *Canis familiaris* PREDICTED: similar to emopamil binding related protein, delta8-delta7 sterol isomerase

NP_115954 *Homo sapiens* Q9BY08 AAK28348 AAH18478 AAH92471 emopamil binding related protein, delta8-delta7 sterol isomerase/EBPL_HUMAN Emopamil-binding protein-like (Emopamil-binding-related protein)/delta8-delta7 sterol isomerase related protein EBRP

XP_590570 *Bos taurus* PREDICTED: similar to emopamil binding related protein, delta8-delta7 sterol isomerase

NP_080874 *Mus musculus* Q9D0P0 BAB27485 BAB31938 AAK28349 AAH27422 BAE37321 emopamil binding related protein, delta8-delta7 sterol isomerase related protein/EBPL_MOUSE Emopamil-binding protein-like (Emopamil-binding-related protein)/unnamed protein pr

XP_341335 *Rattus norvegicus* PREDICTED: similar to Emopamil-binding protein-like (Emopamil-binding related protein)

EAQ88590 *Chaetomium globosum CBS 148.51* hypothetical protein CHGG_05209

XP_748402 *Aspergillus fumigatus Af293* EAL86364 cholestenol delta-isomerase/cholestenol delta-isomerase, putative

BAE59581 *Aspergillus oryzae* unnamed protein product

XP_752879 *Aspergillus fumigatus Af293* EAL90841 hypothetical protein Afu1g15100/EBP domain protein, putative

BAE56166 *Aspergillus oryzae* unnamed protein product

EAQ91049 *Chaetomium globosum CBS 148.51* hypothetical protein CHGG_02984

XP_794451 *Strongylocentrotus purpuratus* PREDICTED: similar to 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein)

NP_001029672 *Bos taurus* AAI03112 hypothetical protein LOC515569/Hypothetical protein LOC515569

XP_853729 *Canis familiaris* PREDICTED: similar to 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein)

XP_851024 *Canis familiaris* PREDICTED: similar to 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein) isoform 1

CAH91097 *Pongo pygmaeus* hypothetical protein

CAG33096 *Homo sapiens* EBP

NP_006570 *Homo sapiens* Q15125 CAA86068 AAH01549 AAH01572 AAH46501 CAG46891 AAX37072 *synthetic construct* emopamil binding protein (sterol isomerase)/EBP_HUMAN 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-de

Q60490 *Cavia porcellus* CAA86067 EBP_CAVPO 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein)/phenylalkylamine binding protein

NP_031924 *Mus musculus* P70245 CAA66350 AAH04620 AAH04703 BAC25686 phenylalkylamine Ca2+ antagonist (emopamil) binding protein/EBP_MOUSE 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (

NP_476478 *Rattus norvegicus* Q9JJ46 AAF74807 AAQ14592 phenylalkylamine Ca2+ antagonist (emopamil) binding protein/EBP_RAT 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol is

NP_001002328 *Danio rerio* AAH76453 hypothetical protein LOC436600/Zgc:91895

AAH55967 *Xenopus laevis* Ebp-prov protein

7803_Cre

Smo_HYD1_2_1

Ppa_HYD1_1_1

Smo_HYD1_4_1 Smo_HYD1_3_1

AAT02417 *Zea mays* sterol-8,7-isomerase

XP_462727 *Oryza sativa* (japonica cultivar-group) Q9FTZ2 *Oryza sativa* BAB16323 *Oryza sativa* (japonica cultivar-group) BAB92148 putative phenylalkylamine binding protein/EBP_ORYSA Probable 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Choleste

AAD04752 *Arabidopsis thaliana* phenylalkylamine binding protein homolog

AT1G20050 = NP_173433 O48962 AAD03489 AAF79909 AAG50111 AAM63292 HYD1/EBP_ARATH Probable 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase)/C-8,7 sterol isomerase

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