

trpm1_prot.txt

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 35 40 45
 Gln Ser Tyr Pro Thr Asp Ser Tyr Gly Val Leu Glu Phe Gln Gly Gly
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 Gly Tyr Ser Asn Lys Ala Met Tyr Ile Arg Val Ser Tyr Asp Thr Lys
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 Pro Asp Ser Leu Leu His Leu Met Val Lys Asp Trp Gln Leu Glu Leu
 85 90 95
 Pro Lys Leu Leu Ile Ser Val His Gly Gly Leu Gln Asn Phe Glu Met
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 Gln Pro Lys Leu Lys Gln Val Phe Gly Lys Gly Leu Ile Lys Ala Ala
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 Ile Ser His Val Gly Asp Ala Leu Lys Asp His Ser Ser Lys Ser Arg
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 Lys Glu Asp Leu Val Gly Lys Asp Val Thr Arg Val Tyr Gln Thr Met
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 Ser Leu Arg Glu Gln Leu Leu Val Thr Ile Gln Lys Thr Phe Asn Tyr
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 Asn Lys Ala Gln Ser His Gln Leu Phe Ala Ile Ile Met Glu Cys Met
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 Lys Lys Lys Glu Leu Val Thr Val Phe Arg Met Gly Ser Glu Gly Gln
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 Val Ser Ala Pro Asp Gln Leu Ser Leu Ala Leu Ala Trp Asn Arg Val
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 Asp Ile Ala Arg Ser Gln Ile Phe Val Phe Gly Pro His Trp Pro Pro
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trpm1_prot.txt

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Ser	Leu	Ile	Asp	Ile	Gly	Leu	Val	Leu	Glu	Tyr	Leu	Met	Gly	Gly	Ala
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Glu	Glu	Glu	Ile	Asp	Ile	Asp	Val	Asp	Asp	Pro	Ala	Val	Ser	Arg	Phe
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Lys	Ala	Leu	Val	Ala	Cys	Lys	Leu	Tyr	Lys	Ala	Met	Ala	His	Glu	Ser
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Ile	Phe	Gly	Val	Asn	Lys	Tyr	Leu	Gly	Pro	Tyr	Val	Met	Met	Ile	Gly
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Lys	Met	Met	Ile	Asp	Met	Leu	Tyr	Phe	Val	Val	Ile	Met	Leu	Val	Val
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Leu	Met	Ser	Phe	Gly	Val	Ala	Arg	Gln	Ala	Ile	Leu	His	Pro	Glu	Glu
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trpm1_prot.txt

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 1155 1160 1165
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 Thr Ser Glu Arg Val Glu Asn Met Ser Met Arg Leu Glu Glu Ile Asn
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 Glu Leu Leu Phe Glu Asp Thr Ser Leu Ser Thr Ser Pro Gly Thr Gly
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trpm1_prot.txt

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ptgs1_adn (2).txt

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ptgs1_adn (2).txt

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ptgs1_adn (2).txt

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ptgs1_prot (2).txt

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 35 40 45
 Phe Gly Leu Asp Arg Tyr Gln Cys Asp Cys Thr Arg Thr Gly Tyr Ser
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 65 70 75 80
 Leu Arg Pro Ser Pro Ser Phe Thr His Phe Leu Leu Thr His Gly Arg
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 Phe Lys Thr Ser Gly Lys Met Gly Pro Gly Phe Thr Lys Ala Leu Gly
 210 215 220
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 225 230 235 240
 Tyr Gln Leu Arg Leu Phe Lys Asp Gly Lys Leu Lys Tyr Gln Val Leu
 245 250 255
 Asp Gly Glu Met Tyr Pro Pro Ser Val Glu Glu Ala Pro Val Leu Met
 260 265 270
 His Tyr Pro Arg Gly Ile Pro Pro Gln Ser Gln Met Ala Val Gly Gln
 275 280 285
 Glu Val Phe Gly Leu Leu Pro Gly Leu Met Leu Tyr Ala Thr Leu Trp
 290 295 300
 Leu Arg Glu His Asn Arg Val Cys Asp Leu Leu Lys Ala Glu His Pro
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 Thr Trp Gly Asp Glu Gln Leu Phe Gln Thr Arg Leu Ile Leu Ile
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 340 345 350
 Gly Tyr Phe Leu Gln Leu Lys Phe Asp Pro Glu Leu Leu Phe Gly Val
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 Gln Phe Gln Tyr Arg Asn Arg Ile Ala Met Glu Phe Asn His Leu Tyr
 370 375 380
 His Trp His Pro Leu Met Pro Asp Ser Phe Lys Val Gly Ser Gln Glu
 385 390 395 400
 Tyr Ser Tyr Glu Gln Phe Leu Phe Asn Thr Ser Met Leu Val Asp Tyr
 405 410 415
 Gly Val Glu Ala Leu Val Asp Ala Phe Ser Arg Gln Ile Ala Gly Arg
 420 425 430
 Ile Gly Gly Arg Asn Met Asp His His Ile Leu His Val Ala Val
 435 440 445

ptgs1_prot (2).txt

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465					470				475						480
Val	Gly	Glu	Lys	Glu	Met	Ala	Ala	Glu	Leu	Glu	Glu	Leu	Tyr	Gly	Asp
				485					490					495	
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			500					505					510		
Pro	Asn	Ser	Ile	Phe	Gly	Glu	Ser	Met	Ile	Glu	Ile	Gly	Ala	Pro	Phe
		515					520					525			
Ser	Leu	Lys	Gly	Leu	Leu	Gly	Asn	Pro	Ile	Cys	Ser	Pro	Glu	Tyr	Trp
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Lys	Pro	Ser	Thr	Phe	Gly	Gly	Glu	Val	Gly	Phe	Asn	Ile	Val	Lys	Thr
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Ala	Thr	Leu	Lys	Lys	Leu	Val	Cys	Leu	Asn	Thr	Lys	Thr	Cys	Pro	Tyr
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mi a_adn (2).txt

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 <212> DNA
 <213> Homo sapiens

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ccagaccctg aaacctggca aagtcgatgt gaagacagac aaatgggatt tctactgcca      540
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mi a_prot (2). txt

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 <212> PRT
 <213> Homo sapi ens

<220>
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 20 25 30
 Arg Lys Leu Cys Ala Asp Gln Gl u Cys Ser His Pro Ile Ser Met Ala
 35 40 45
 Val Ala Leu Gln Asp Tyr Met Ala Pro Asp Cys Arg Phe Leu Thr Ile
 50 55 60
 His Arg Gly Gln Val Val Tyr Val Phe Ser Lys Leu Lys Gly Arg Gly
 65 70 75 80
 Arg Leu Phe Trp Gly Gly Ser Val Gln Gly Asp Tyr Tyr Gly Asp Leu
 85 90 95
 Ala Ala Arg Leu Gly Tyr Phe Pro Ser Ser Ile Val Arg Gl u Asp Gln
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 Thr Leu Lys Pro Gly Lys Val Asp Val Lys Thr Asp Lys Trp Asp Phe
 115 120 125
 Tyr Cys Gln
 130

mmp2_adn (2).txt

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<213> Homo sapiens

<220>
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mmp2_adn (2).txt

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mmp2_prot (2).txt

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<211> 610
<212> PRT
<213> Homo sapiens

<220>
<221> SOURCE
<222> 1..610
<223> /mol_type="protein"
/organism="Homo sapiens"

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35 40 45
Lys Pro Arg Cys Gly Asn Pro Asp Val Ala Asn Tyr Asn Phe Phe Pro
50 55 60
Arg Lys Pro Lys Trp Asp Lys Asn Gln Ile Thr Tyr Arg Ile Ile Gly
65 70 75 80
Tyr Thr Pro Asp Leu Asp Pro Glu Thr Val Asp Asp Ala Phe Ala Arg
85 90 95
Ala Phe Gln Val Trp Ser Asp Val Thr Pro Leu Arg Phe Ser Arg Ile
100 105 110
His Asp Gly Glu Ala Asp Ile Met Ile Asn Phe Gly Arg Trp Glu His
115 120 125
Gly Asp Gly Tyr Pro Phe Asp Gly Lys Asp Gly Leu Leu Ala His Ala
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Phe Ala Pro Gly Thr Gly Val Gly Gly Asp Ser His Phe Asp Asp Asp
145 150 155 160
Glu Leu Trp Thr Leu Gly Glu Gly Gln Val Val Arg Val Lys Tyr Gly
165 170 175
Asn Ala Asp Gly Glu Tyr Cys Lys Phe Pro Phe Leu Phe Asn Gly Lys
180 185 190
Glu Tyr Asn Ser Cys Thr Asp Thr Gly Arg Ser Asp Gly Phe Leu Trp
195 200 205
Cys Ser Thr Thr Tyr Asn Phe Glu Lys Asp Gly Lys Tyr Gly Phe Cys
210 215 220
Pro His Glu Ala Leu Phe Thr Met Gly Gly Asn Ala Glu Gly Gln Pro
225 230 235 240
Cys Lys Phe Pro Phe Arg Phe Gln Gly Thr Ser Tyr Asp Ser Cys Thr
245 250 255
Thr Glu Gly Arg Thr Asp Gly Tyr Arg Trp Cys Gly Thr Thr Glu Asp
260 265 270
Tyr Asp Arg Asp Lys Lys Tyr Gly Phe Cys Pro Glu Thr Ala Met Ser
275 280 285
Thr Val Gly Gly Asn Ser Glu Gly Ala Pro Cys Val Phe Pro Phe Thr
290 295 300
Phe Leu Gly Asn Lys Tyr Glu Ser Cys Thr Ser Ala Gly Arg Ser Asp
305 310 315 320
Gly Lys Met Trp Cys Ala Thr Thr Ala Asn Tyr Asp Asp Asp Arg Lys
325 330 335
Trp Gly Phe Cys Pro Asp Gln Gly Tyr Ser Leu Phe Leu Val Ala Ala
340 345 350
His Glu Phe Gly His Ala Met Gly Leu Glu His Ser Gln Asp Pro Gly
355 360 365
Ala Leu Met Ala Pro Ile Tyr Thr Tyr Thr Lys Asn Phe Arg Leu Ser
370 375 380
Gln Asp Asp Ile Lys Gly Ile Gln Glu Leu Tyr Gly Ala Ser Pro Asp
385 390 395 400
Ile Asp Leu Gly Thr Gly Pro Thr Pro Thr Leu Gly Pro Val Thr Pro
405 410 415
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Gly Glu Ile Phe Phe Lys Asp Arg Phe Ile Trp Arg Thr Val Thr
435 440 445

mmp2_prot (2).txt

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Lys	Ala	Val	Phe	Phe	Ala	Gly	Asn	Glu	Tyr	Trp	Ile	Tyr	Ser	Ala	Ser
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Lys	Thr	Tyr	Ile	Phe	Ala	Gly	Asp	Lys	Phe	Trp	Arg	Tyr	Asn	Glu	Val
	530					535					540				
Lys	Lys	Lys	Met	Asp	Pro	Gly	Phe	Pro	Lys	Leu	Ile	Ala	Asp	Ala	Trp
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Asn	Ala	Ile	Pro	Asp	Asn	Leu	Asp	Ala	Val	Val	Asp	Leu	Gln	Gly	Gly
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Gly	His	Ser	Tyr	Phe	Phe	Lys	Gly	Ala	Tyr	Tyr	Leu	Lys	Leu	Glu	Asn
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trpm1_adn (2).txt

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 <213> Homo sapiens

<220>
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trpm1_adn (2).txt

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trpm1_adn (2).txt

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