

[ENSPTRP00000015294](#)

SERT11-S-A-P Blast 709119J

>ens| pep:known  
chromosome:CHIMP2.1:17:27057600:27098294:1  
gene:ENSPTRG00000008958 transcript:ENSPTRT00000016523  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: [ENSMU00000004679](#) 387 AEMRNEDVSEVAKDA 401

>ens| pep:known  
chromosome:MMUL\_1:16:25435556:25460530:-1  
gene:ENSMUG00000003515 transcript:ENSMUT00000004969  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: [ENSLAF00000010160](#) 387 AEMRNEDVSEVAKDA 401

>ens| pep:novel  
genescaffold:BROADE1:GeneScaffold\_1734:8855:35583:-1  
gene:ENSLAFG00000012156 transcript:ENSLAFT00000012157  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: [ENSET00000003906](#) 387 AEMRNEDVSEVAKDA 401

>ens| pep:novel  
genescaffold:TENREC:GeneScaffold\_2002:1861:22241:-1  
gene:ENSETEG00000004781 transcript:ENSETET00000004783  
Length = 627

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: [ENSCAF00000028926](#) 384 AEMRNEDVSEVAKDA 398

>ens| pep:known  
chromosome:BROADD2:9:47549263:47572016:-1  
gene:ENSCAFG00000018990 transcript:ENSCAFT00000030163  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: [Q5NCR6\\_MOUSE](#) 387 AEMRNEDVSEVAKDA 401

>tr|Q5NCR6| (Slc6a4)Solute carrier family 6  
(Neurotransmitter transporter, serotonin), member 4.[Mus

musculus]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>tr|A7KAX8|A7KAX8\_MACFA (SLC6A4)Serotonin transporter.[Macaca  
fascicularis]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>tr|Q14UY7|[Q14UY7\\_HORSE](#) (5HTT)Serotonin transporter.[Equus caballus]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>tr|A0JL92|A0JL92\_CANFA Solute carrier family 6 member 4  
(Fragment).[Canis familiaris]  
Length = 42

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 28 AEMRNEDVSEVAKDA 42

>sp|[P31652](#)|[SC6A4\\_RAT](#) (Slc6a4)Sodium-dependent serotonin transporter  
(5HT transporter) (5HTT).[Rattus norvegicus]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>sp|[Q60857](#)|[SC6A4\\_MOUSE](#) (Slc6a4)Sodium-dependent serotonin  
transporter (5HT transporter) (5HTT).[Mus musculus]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>sp|[Q9MYX0](#)|[SC6A4\\_MACMU](#) (SLC6A4)Sodium-dependent serotonin transporter (5HT transporter) (5HTT).[Macaca mulatta]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>sp|[P31645](#)|[SC6A4\\_HUMAN](#) (SLC6A4)Sodium-dependent serotonin transporter (5HT transporter) (5HTT).[Homo sapiens]  
Length = 630

Score = 34.8 bits (72), Expect = 1.1  
Identities = 15/15 (100%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVAKDA  
Sbjct: 387 AEMRNEDVSEVAKDA 401

>ens|[ENSOCUP00000003158](#) pep:novel  
genescaffold:RABBIT:GeneScaffold\_1542:3817:36094:-1  
gene:ENSOCUG00000003640 transcript:ENSOCUT00000003640  
Length = 627

Score = 33.5 bits (69), Expect = 2.8  
Identities = 14/15 (93%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVSEVA+DA  
Sbjct: 385 AEMRNEDVSEVARDA 399

>ens|[ENSGALP00000006742](#) pep:known  
chromosome:WASHUC2:19:6143364:6155492:-1  
gene:ENSGALG00000004246 transcript:ENSGALT00000006753  
Length = 670

Score = 33.1 bits (68), Expect = 3.7  
Identities = 14/14 (100%), Positives = 14/14 (100%)

Query: 2 AEMRNEDVSEVAKD 15  
AEMRNEDVSEVAKD  
Sbjct: 427 AEMRNEDVSEVAKD 440

>ens|[ENSGALP00000006743](#) pep:novel  
chromosome:WASHUC2:19:6143054:6155432:-1  
gene:ENSGALG00000004246 transcript:ENSGALT00000006754  
Length = 656

Score = 33.1 bits (68), Expect = 3.7  
Identities = 14/14 (100%), Positives = 14/14 (100%)

Query: 2 AEMRNEDVSEVAKD 15  
AEMRNEDVSEVAKD  
Sbjct: 413 AEMRNEDVSEVAKD 426

>tr|Q6PWI2|[Q6PWI2\\_CHICK](#) (SERT)Serotonin transporter.[Gallus gallus]  
Length = 670

Score = 33.1 bits (68), Expect = 3.7  
Identities = 14/14 (100%), Positives = 14/14 (100%)

Query: 2 AEMRNEDVSEVAKD 15  
AEMRNEDVSEVAKD  
Sbjct: 427 AEMRNEDVSEVAKD 440

>tr|Q33E87|[Q33E87\\_CANFA](#) (5-HTT)Serotnin transporter.[Canis familiaris]  
Length = 630

Score = 33.1 bits (68), Expect = 3.7  
Identities = 14/15 (93%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMRNEDVS+VAKDA  
Sbjct: 387 AEMRNEDVSKVAKDA 401

>sp|[O35899](#)|[SC6A4\\_CAVPO](#) (SLC6A4)Sodium-dependent serotonin transporter (5HT transporter) (5HTT).[Cavia porcellus]  
Length = 630

Score = 32.6 bits (67), Expect = 5.1  
Identities = 14/15 (93%), Positives = 15/15 (100%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMR+EDVSEVAKDA  
Sbjct: 387 AEMRSEDVSEVAKDA 401

>ens|[ENSBTAP00000025774](#) pep:known  
chromosome:Betau\_3.1:19:19551693:19571551:-1  
gene:ENSBTAG00000019349 transcript:ENSBTAT00000025774  
Length = 628

Score = 32.2 bits (66), Expect = 6.9  
Identities = 14/15 (93%), Positives = 14/15 (93%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMR EDVSEVAKDA  
Sbjct: 385 AEMRKEDVSEVAKDA 399

>tr|Q9GMA5|[Q9GMA5\\_SHEEP](#) Serotonin transporter.[Ovis aries]  
Length = 631

Score = 32.2 bits (66), Expect = 6.9  
Identities = 14/15 (93%), Positives = 14/15 (93%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMR EDVSEVAKDA  
Sbjct: 387 AEMRKEDVSEVAKDA 401

>sp|[Q9XT49](#)|[SC6A4\\_BOVIN](#) (SLC6A4)Sodium-dependent serotonin transporter (5HT transporter) (5HTT).[Bos taurus]  
Length = 630

Score = 32.2 bits (66), Expect = 6.9  
Identities = 14/15 (93%), Positives = 14/15 (93%)

Query: 2 AEMRNEDVSEVAKDA 16  
AEMR EDVSEVAKDA  
Sbjct: 387 AEMRKEDVSEVAKDA 401