

SERT11-S-A-P Blast 709119J

>ens|[ENSPTRP00000015294](#) 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: 387 AEMRNEDVSEVAKDA 401

>ens|[ENSMMP00000004679](#) 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: 387 AEMRNEDVSEVAKDA 401

>ens|[ENSLAFP00000010160](#) 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: 387 AEMRNEDVSEVAKDA 401

>ens|[ENSETEP00000003908](#) 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: 384 AEMRNEDVSEVAKDA 398

>ens|[ENSCAFP00000028028](#) 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: 387 AEMRNEDVSEVAKDA 401

>tr|Q5NCR6|[Q5NCR6_MOUSE](#) (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