

Alignment of rat and mouse *Chaer* homologs:

Score	Expect	Identities	Gaps	Strand
2425 bits(2688)	0.0	2184/2731(80%)	177/2731(6%)	Plus/Plus
Query = rat <i>Chaer</i>				
Sbjct = mouse <i>Chaer</i>				
Query	1	CATTTGCAGGGCCTCACGGAGTGCAGACTCGGTGTTACATCAGGCAGTTCTCCATAATC		60
Sbjct	107	CATTTACTGGGGCCTCACGGAGTGCAGACTCGGTATTCCATCGGGCAGTTCTCGGTAATC		166
Query	61	TGGTAGCCCATGTCTGACGCCAATTCTGGTTCTCTG----AATCTGATAGGTGCAGATCC		116
Sbjct	167	TGGTAACACGTGTCGGATGCCAGTTCAGTTCCTGGTTGAATCTGATAGGTACAGATCC		226
Query	117	CAAACCTGATCTTGAACATGGTGTGGGCAGGATCACCTAGCAGGC-TGAAAGTCATGTGAA		175
Sbjct	227	CAAACCCATGTTGGACATGGTGTGGGCAGGATAACCTGGCAGGCCTGGGAGTCAAATGAA		286
Query	176	GAGAAGAGCGGAGGGTTTGTTCAAA-GTCTCAGGATGGCTAACTTGTCTCCTTCCGAGG		234
Sbjct	287	GAGAGGAGCTGAGGGCT-GCTGCAAAAGTCTCAGGATGGCTGACTTGTCTCCTTCTGAAG		345
Query	235	CTTCTAGAAATGGCTCTGACACAAAGGCCTTTGGGAGAGCAGGCTCAAGTGACAAGAGA-		293
Sbjct	346	TTTCTAGACTTGACTCTGACACAAAGGCCTTTGGGAGAACAGACTCAAGGGACAAGGGGT		405
Query	294	-----CCCTTCTCTCATTTGAGCCCCATTTCAGAGGGGGACACCCACAGGCAGGAACAT		346
Sbjct	406	GATGCTTCGCTTCCTCATTTGAGCCCCTTTCAGAGGGGAAAACCTCACAGGCAGGAACCT		465
Query	347	GTGTGCCAGCCCTGACC-AGAGCAACAGTGAACAGTCACTGCTGTGTTTGACAGCATCCA		405
Sbjct	466	GCGTGCCAGCCCTGACCCAGAGCAACAGTGAACAGTCCCCGCTGTGTTCCACAGCGCTCA		525
Query	406	TCCAGAAACACTTGTGGTTTTCCATCACATTTCTAGAATCCACAGGAGACCTGGAAGCTGA		465
Sbjct	526	TCCAGAAACACTGCGGGGTTTTCCATCACATTTCTGAGTCCACAGGAAACCTGGAAGCTGA		585
Query	466	CTCTTTCTCTTCTGTGATCTCCGCTCCCCTGCTGGCCTGTGCTCTGTGGAACTCATT		525
Sbjct	586	GTCTTTTTCTTCTGTGATCTCTGCCTCCCCTGCTGGCCTGTGCTCTATGGGAGCTCATT		645
Query	526	GCTGAACCCCT-GGAC-AAGGACAAGCAAGCAGGGCTGAAAAGAGACTTTATGAACAACCTG		583
Sbjct	646	GCTGAACCCCAAGGACAAGCAAGCAGGGCTGAATAGAGACTTTATGAACAGCTG		705
Query	584	-TGGTC-----TGCTGTCTCCTTGTGAAGAAA-----CCTG-AACTAGAAAGCAGGG		628
Sbjct	706	CTACTCCGTGGTGTGTCTCCTTGTGAAGAAAGGGGTGAGCCTGGAAGTAGAAAGCAGGG		765
Query	629	AGTTTGGCTTTGTTATTGT----TATTCCTGGAAGGGAatgtgtgtgtgtgtgtgtgtgtgt		684
Sbjct	766	GATTTGGTTTTGTTATTGCGTAATCTTCTTGGGAGGCGGGG-----		811
Query	685	tgtgtgtgtgtgtgtgtgtgtAGGGGGGTAATAACAGCATTGTCACTTTTACTGCCTGGTTGT		744
Sbjct	812	-----GGGTGTAAGAAGAGCATTGTCACTTGAAGTGTCTGCTTGG		853
Query	745	GATAGTAGTCCCTGACCCCTTCCAGGACTTCATAACTTGGCTCAGAGTTGGCCCTTAG		804

Sbjct	854	GACAGTATTCCTGACCCCTTTCAGGACTTCCATAACTTGGCACTGAGTTGGCCCTTAA	913
Query	805	ATTGGCAAACCAAAGTTGGCACTGAGCAACACATAAGAAGTAGAAAAGATTTTTTCATGA	864
Sbjct	914	GTTGGCAAACAAACCTTGGCACTGAGCAACACTTAAGAGGTAGAAAAGATGTTTTTCATGC	973
Query	865	CTTCAGCAGCTCCAACAGACTCTGAAGGGAGAGAGGTACCAGTCTTATTGCTTACCATCC	924
Sbjct	974	CTTCAGCAGCTCCAGCAGACTCTGAAGGCTGAGCGGTAGCAGTTCTATCGCCTGCCATCC	1033
Query	925	AGTCCCAGAGCAGCAGGGTCCTTAGACCTGCATCTCAAGCCAGGTAGCCTGCACATCAGA	984
Sbjct	1034	AGCCCCAGAGTAGAAGGGTCCG-----GCATCTCCAGCCAGGTAGCCTGTATGTTCAGG	1086
Query	985	CTCACACAGGATATG----GGATCTCCATCTTGGGAGAACA-GCATTGATGCTTCAGCTC	1039
Sbjct	1087	CTCACATAGGCTATGTATGGCATCTCCATCTCGGGAGAACAAGCGTTGATGCTTCAGTTC	1146
Query	1040	TGGCCTAGTCATTGCCAATGTCCATTGACGGTTCATCTTCACTCTGAGGGGAGCAGAAAA	1099
Sbjct	1147	TGGCCTCGTCATTACCAATGTCCCTTCAATGGTCCCTCTTTACTCTGAGGGGAGCAGAAAA	1206
Query	1100	AGGGGGTCTCATTTCGGATGCTAAGAGATGA-CAAATTTCTAGAACCTTCTCTCTTCT	1158
Sbjct	1207	--GGGGTCTCATTGATGCCATGAGATAAGCTAATTTCTAGAACCTTCTCTATCTTCT	1264
Query	1159	GTCAATTCTAGCTTGGATGAGCAATTAGCAGTCAGAAGCAGACG----ACTCTACTCAGA	1214
Sbjct	1265	GTCAGTTCTAGTTTGGATTAGCGATTAGCTGTCAGAACCAGACAGACAACCTCTACTCAGA	1324
Query	1215	CAAGTTCAGAAGGTGAGAGCCGGTCCCTTGA-TGCCAAAGGAACCTCAGACGATTCCTG	1273
Sbjct	1325	CAAGTACCAGATGGGAGCGCTGAGTCCTCGGGTGCCGAAGGGACCTCAGATGATTCTTA	1384
Query	1274	CCGGTCTGCGTTTCCTTCCCTTGTCTTAGATAACAGCACATGGGTCCCTTAGGAGCTTGCA	1333
Sbjct	1385	CAGGGCCTGTGCTTTCTTCCCTGCTTAGAGAACAGCACATAGGTCCCTTAGCGGCTTGCA	1444
Query	1334	CATAAAAATAAATGAAAGATTTTGTGTTACCCTCATCTATCTTTAGCCCCATAGGAAAGa	1393
Sbjct	1445	CATAAACATAAATGAAAGAT-----CTTAGCCCCATAAGAAAGA	1484
Query	1394	aaaaaaCAAGCAAACAAAATAGGCCTGGGCAGTCTGGTTTGGGAATAAAAACACAAGCGGT	1453
Sbjct	1485	AAAAAT----AAACAAAAAAC-CCTGAGCAGCCTGGTTTGGGATAAAAACAT--GCAGT	1536
Query	1454	GTACACGATTTTGTAAAAATTAACCTTGGCTAAAGCATTTGGAAGTCAGCAGCATCTA	1513
Sbjct	1537	GTACATGATTTTGTAAAAATTAACCTTGGCCAGAGCACTTGGGAAGCAAGCAGCATCTA	1596
Query	1514	AGCTTAGTCAGGCAGATTTCATGGGTGAAAGCCTGTGTAGTTGACAAGCGTTTCAGATGA	1573
Sbjct	1597	AGCTGAGACAGGCAG--TCATGCCTGAAAACCTGTCTAGTTGACAAGCATATGCAAATGA	1654
Query	1574	GAAAAGAGAGAAGTCTCTGTAGTCCTAGTGAGAAGCCTTGGCTGACT-CCATGACAGGCT	1632
Sbjct	1655	GGAAAAGAGGGAGGCCTCCCTGGTCCTAGTCAGCAGGCTAGGCTGACGGCCATGACAGGCT	1714
Query	1633	TCAAACCTGGCAGTTCAGGAGACTAGGCCTAAATCTCTTTTTTCCAAGAAGTGGACAATTCC	1692
Sbjct	1715	TCAAACCTGACAGTTAAGGAGACTAGGCCTAAACCTCTGTTTCCAAGACCTGGGAAATTCT	1774
Query	1693	AGGCTAGTTCAGGCCT----CAGAAGCTTCCCTGCCATCTGGCCTGAGGCAAGGACAATG	1748


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Query 2632 GGCTTAA-TTTATGAATTAACTTATTCTTA 2661
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Sbjct 2700 TGCTTAATTTTACTTATTAACTTATTCTTA 2730
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