

>SOD2_human (NP_000627.2) :

MLSRAVCGTSRQLAPVLAYLGSRQKHSLPDLPYDYGALEPHI
NAQIMQLHHSKHHAAYVNNLNVTEEKYQEALAKGDVTAQIA
LQPALKFNNGGGHINHSIFWTNLSPNGGGEPKGGELEAIKRDFGS
FDKFKEKLTAASVGVQGSWGWLGFNKERGHLQIAACPNQD
PLQGTTGLI
PLLGIDVWEHAYYLQYKNVRPDYLKAIWNVINWENVTERYM
ACKK

>SOD2_mouse (NP_038699.2) :

MLCRAACSTGRRLGPVAGAAGSRHKHSLPDLPYDYGALEPHI
NAQIMQLHHSKHHAAYVNNLNATEEKYHEALAKGDVTTQV
ALQPALKFNNGGGHINHTIFWTNLSPKGGGEPKGELLEAIKRDF
GSFEKFKEKLTAASVGVQGSWGWLGFNKEQGRLQIAACSN
QDPLQGTTG
LIPLLGIDVWEHAYYLQYKNVRPDYLKAIWNVINWENVTERY
TACKK

Score: 1091

Percentage: 10.36%

>SOD2_human (NP_000627.2) :

MLSRAVCGTSRQLAPVLAYLGSRQKHSLPDLPYDYGALEPHI
NAQIMQLHHSKHHAAYVNNLNVTEEKYQEALAKGDVTAQIA
LQPALKFNNGGGHINHSIFWTNLSPNGGGEPKGELLEAIKRDFG
SFDKFKEKLTAASVGVQGSWGWLGFNKERGHLQIAACPNQ
DPLQGTTGLI
PLLGIDVWEHAYYLQYKNVRPDYLKAIWNVINWENVTERYM
ACKK

>RandomSeq:

RHQNRFAPLMEVGCRCMCWFHDWWVISVGTWLHTVIMYM
MWPKRFFHHNECPKACFRTTYTRKNHHALYWMLFEMCCYDQ
DVVWSKTHIFTTVRDIEVYVEQVFFIWGPLCHVAIACYEPVKT

IRRRIPMYLCRHCIRGDNSYLLACCSIIYFYHHMSYYGVLDIL

Score: -250

Percentage: 94.59%

>SOD2_mouse (NP_038699.2) :

MLCRAACSTGRRLGPVAGAAGSRHKHSLPDLPYDYGALEPHI
NAQIMQLHHSKHHAAYVNNLNATEEKYHEALAKGDVTTQV
ALQPALKFNGGGGHINHTIFWTNLSPKGGGEPKGELLEAIKRDF
GSFEKFKEKLTAVSVGVQGS GWLGFNKEQGRLQIAACSN
QDPLQGTTG
LIPLLIDVWEHAYYLQYKNVRPDYLKAIWNVINWENVTERY
TACKK

>RandomSeq:

RHQNRFAPLMEVGCRCMCWFHDWWVISVGTWLHTVIMYM
MWPKRFFHHNECPKACFRTTYTRKNHHALYWMLFEMCCYDQ
DVVWSKTHIFTTVRDIEVYVEQVFFIWGPLCHVAIACYEPVKT
IRRRIPMYLCRHCIRGDNSYLLACCSIIYFYHHMSYYGVLDIL

Score: -250

Percentage: 94.14%