

Ciona intestinalis

A Score = 3720
Length of alignment = 231
Sequence *HsPOLR3G* : 1 - 223 (Sequence length = 223)
Sequence *CiPOLR3GL* : 1 - 215 (Sequence length = 215)

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HsPOLR3G MAGNKGRGRAAYTFNIEAVGFSKGEKLPDVVLKPPPLFPD TDYKPVPLKTGEGEEYMLALKQ
      . .|||.. .|||.|||.||..|. || .|| .| .||| .|| .|.|||.
CiPOLR3GL GGKGRGRGRGSM TFNVEAIGFGRGDALPASTLQPPLPY PPLRQQPV PLLAGEETDYLLALKK

HsPOLR3G ELRETMKRMPYFIETPEERQDIERYSKRYM--KVKEE--WIPDWRRLPREM---MPRNKC-
      | .||. |||.. . .|| ||| .| | . | ||||| |. . ...
CiPOLR3GL EYIQTMQNSPYFIQAEQAKNDIVRYSDKYKSSKNMDNTINWKPDWRRLPSELKVAVRKKRLA

HsPOLR3G KKAGPKPKKAKDAGKGTPLTNTEDVLKKMEELEKRGDGEKSDEENEEKEGSKEKSKEGDDDD
      .. || || |. |. |. |.. |||. | ..|||. | |
CiPOLR3GL QNIGPPPKLVKHLKTGA-----DITKTLDAL EKKE----SKTDHEENEE--E---E-----

HsPOLR3G DDDAAEQEEYDEEEQEEENDYINSYFEDGDDFGADSDDNMDEATY
      ... |. | .||..|.|||. | ||..|... . .|||.
CiPOLR3GL EQE--ENFENEEEQEEDENDYLT SYFDNGENYLDEEEDNLDDKDG

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Percentage ID = 36.80

B Score = 5300
Length of alignment = 221
Sequence *HsPOLR3GL* : 1 - 218 (Sequence length = 218)
Sequence *CiPOLR3GL* : 1 - 215 (Sequence length = 215)

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HsPOLR3GL ASRGG-GRGRGRGQLTFNVEAVGIGKGDALPPPTLQPSPLFPPLF RFPVPLPSGEEGEYVLA
      |||| ||||| .|||..|.|.|||..|||. .||| .||| .||| .|.||
CiPOLR3GL MSRGGKGRGRGRGSM TFNVEAIGFGRGDALPASTLQPPLPY PPLRQQPV PLLAGEETDYLLA

HsPOLR3GL LKQELRGAMRQLPYFIRPAVPKRDVERYSDKYQMSGPIDNAIDWNPDWRRLPRELKIRVRKL
      ||.| .|.. |||.. .| |. |||||. | .|||.|.||| |||. |||
CiPOLR3GL LKKEYIQTMQNSPYFIQAEQAKNDIVRYSDKYKSSKNMDNTINWKPDWRRLPSELKVAVRKK

HsPOLR3GL QKERITILLPKRPPKTTEDKEETIQKLETLEKKEEEVTSEED EEEEEEEEEEEEEEEYDEE
      . . | |. | . . |..||| . ..|||.|||.|||. |. | ||
CiPOLR3GL RLAQ-NIGPPPKLVKHLKTGADITKTLDAL EKESK--T-DHEENEEEEEQEENFENE--EE

HsPOLR3GL EHEEETDYIMSYFDNGEDFGGDSDDNMDE---AIY
      ..|. | ||. |||||.. .. .|||. .||
CiPOLR3GL QEEDENDYLT SYFDNGENYLDEEEDNLDDKDGGIY

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Percentage ID = 51.13

Figure S3_1