

## CLUSTAL multiple sequence alignment by MUSCLE (3.8)

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Interleukin-6      MNFTEGCEATGRRPGSAGSRRRRAPRPGPVALLPPLLPLLLPPAAAVPLPAAADSSGEVG
isoform            MNFTEGCEATGRRP---GSRHRRAPRPGPAALLLLLLLPLLPPPPAAAAPLP---DSSGEAG
[Centrocercus      MNFTEGCEATGRRPGSAGSRRRRKAPRPGPAALLLLLLLPLLLPPAAAAPLPAAADSSGEAG
[Tympanuchus       MNFTEGCEATGRRPGSAGSRRRRAPRPGPAALLLLLLLPLLLPPAAAAPLPAAADSSGEAG
[Lagopus           MNFTEGCEATGRQPGSAGSSRRRAPRPGPAALLLLLLLSLLLPPAAAAPLPAAADSSGEAG
                  *****.*      *.*.*****.*** ***.** *****.*** *****.*

Interleukin-6      LEEEAGARRALLDCEPLARVLRDRAVQLQDEMCKKFTVCENSMEMLVRRNNLNLPKVTEED
isoform            LEEEAG---ALPDCESLAWLLHNRAARLQDEMCEKFTVCENSMEMLVQNNLNLPKVTEED
[Centrocercus      LEEEAGARRALPDCESLAWLLHSRAARLQDEMCEKFSVCENSMEMLVRRNNLNLPKVTEED
[Tympanuchus       LEEEAGARRALPDCESLAWLLHSRAARLQDEMCEKFSVCENSMEMLVRRNNLNLPKVTEED
[Lagopus           LEEEAGARRALPDCESLAWLLHSRAARLQDEMCEKFSVCENSMEMLVRRNNLNLPKVTEED
                  *****      ** ***.**.*:*.**.*.*****:***:*****.*****

Interleukin-6      GCLLAGFDEEKCLTKLFSGLFAFQTYLEFIQETFDSEKQNVESLCYSTKHLAATIRQMVI
isoform            GCLLAGFDEEKCLRKLSSGLFAFQTYLEFIQETFASEKQNVESLCYGTKHLATT-RQMVI
[Centrocercus      GCLLAGFDEEKCLRKLSSGLFAFQTYLEFIQETFASEKQNVESLCYGTKHLAATIRQMVI
[Tympanuchus       GCLLAGFDEEKCLRKLSSGLFAFQTYLEFIQETFASEKQNVESLCYGTKHLAATIRQMVI
[Lagopus           GCLLAGFDEEKCLRKLSSGLFAFQTYLQFIQETFASEKQNVESLCYGTKHLAATIRQMVI
                  *****      ** *****.***** *****.*****:* *****

Interleukin-6      NPDEVVIPDSAAQKSLLANLKSDDKDWIEKITMHLILRDFTSFMEKTVRAVRYLKKTRSF
isoform            NPDEVVIPDSASQKSLLSKLKSDKAWIEKITTHLILRDFTSFMEKTVRAVRYLKNTRSF
[Centrocercus      NPDEVIIIPDSATQKSLLA KLKSDKAWIEKITTHLILRDFTSFMENTVRAVRYLKNTRSF
[Tympanuchus       NPDEVIIIPDSATQKSLLA KLKSDKAWIEKITTHLILRDFTSFMENTVRAVRYLKNTRSF
[Lagopus           NPDKVIIIPDSATQKSLLA KLKSDKAWIEKITTHLILRDFTSFMEKTVRAVRYLKNTRSF
                  ***:*:*****:*****:***** ***** ***** *****:*****:*****

Interleukin-6      A
isoform            A
[Centrocercus      A
[Tympanuchus       A
[Lagopus           A
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