

Figure 2 – Figure Supplement 1

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mCIDEA      1  METAR----DYAGALIRPLTFMGLQTKKVLTP---LIHPARFPRVSNHDRSSRRGVMASSLQELISKTLQDVLVIT?GL 72
mCIDEB      1  MEYL----SAFNPNGLLRSVSTVSSSELSRRVWNS---APPPQRFPRVCDHKRTVRKGLTAASLQELLQKVLQTLTLLR-GV 72
mCIDEA      1  MDYAMKSLSLYPRSLSRHVAVSTAVVTQQLVSKPSRETTPRARPCRVSTADRQKVRKGIMAHSLQEDLLNKVQDILKQK 80
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mCIDEA      73  VTLVLEEDGTVDTEEFFQTLRDNTHFMILEKGQKWT?SSKY-----VPVCKQPKKSC?ARVTFDLYRLNPKDFLGCL 145
mCIDEB      73  LTLVLEEDGTAVDSEDFQLEDDTCLMVLEQGSWSPEKSGMLSY---GLGREKPKHSHK?IARITFDVYKQNPRLDFGSL 149
mCIDEA      81  FSLVLEEDGTIVETEYFQALAKDTMFMVLLKGQKWK?PSEQRKKRAQLALSQKPTKKID?ARVTFDLYKLNPKDFIGCL 160
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mCIDEA      146  NVKATMYEMYSVSYDIRCTSFKAFLRNLLREMSYAAQMTGQFLVYAGTYMLRVLGDTEEQSPKPSKPGWF-----M 217
mCIDEB      150  NVKATFYGLYSMSCDFQGVGPKRVLRELLRWTSLLQGLGHMLLGISSTLRHVVEGADRWQWHGQRHLH-----S 219
mCIDEA      161  NVKATLYDTYSLSYDLCYKAKRIVKEMLRWTLFSMQATGHMLLGTSSYMQOFLDATEEQPAKAKPSSLLPACLKMLQ 239
          *****  *  *:  *  *:  *  *  *:  *:  *:  *  *  *:  *:  .  :  :  :  :  :  .

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