**Experimental Comparisons**

**Beta-theraphotoxin-Cm1a**

*Experimental*

**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

**

**Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 4**

*Experimental*

**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

**

**Sarcoplasmic/endoplasmic reticulum calcium ATPase regulator DWORF**

*Experimental*

**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

**

**60S ribosomal protein L41**

*I-TASSER*

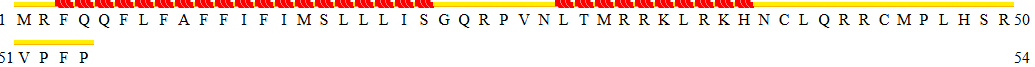
****

*AlphaFold*

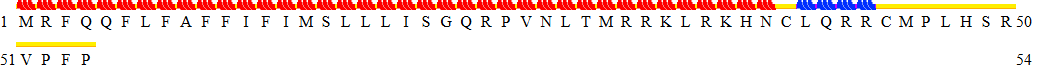
**

**Apelin receptor early endogenous ligand**

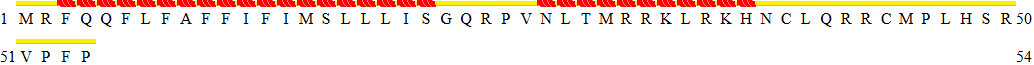
*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

**

**ATP synthase subunit epsilon, mitochondrial**

*I-TASSER*

**A close up of a logo

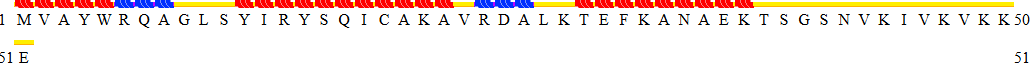
Description automatically generated**

*AlphaFold*

*A close up of a logo

Description automatically generated*

*Rosetta*

**

**B melanoma antigen 4**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

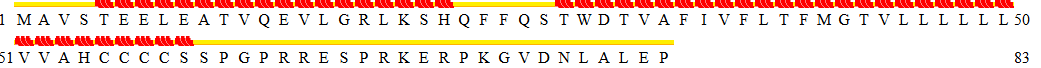
**Small integral membrane protein 22**

*I-TASSER*

**A group of letters and numbers

Description automatically generated**

*AlphaFold*

**

*Rosetta*

**A close up of letters

Description automatically generated**

**Conotoxin PIVE**

*I-TASSER*

****

*AlphaFold*

**

**DDIT3 upstream open reding frame**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Putative protein FAM66E**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Putative gastric cancer-related gene 224 protein**

*I-TASSER*

****

*AlphaFold*

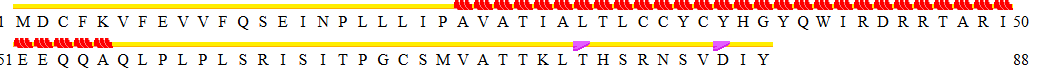
**

*Rosetta*

****

**Hemotin**

*I-TASSER*

****

*AlphaFold*

*A group of red and black text

Description automatically generated*

*Rosetta*

**A green arrow pointing to a green arrow

Description automatically generated**

**Histatin-3**

*I-TASSER*

**A close up of a logo

Description automatically generated**

*AlphaFold*

*A close up of a text

Description automatically generated*

*Rosetta*

**A close up of a logo

Description automatically generated**

**Humanin**

*I-TASSER*

****

*AlphaFold*

**

**Immunoglobulin lambda joining 1**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Keratin-associated protein 22-1**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Leydig cell tumor 10 kDa protein homolog**

*I-TASSER*

**A group of letters on a white background

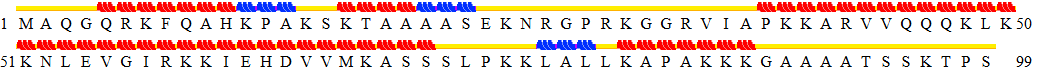
Description automatically generated**

*AlphaFold*

*A screenshot of a computer

Description automatically generated*

*Rosetta*

****

**MIEF1 upstream open reading frame protein**

*I-TASSER*

**A close up of a logo

Description automatically generated**

*AlphaFold*

*A close up of a sign

Description automatically generated*

*Rosetta*

**MHC class I related sequence A**

*I-TASSER*

****

*AlphaFold*

**

**Minor Histocompatibility protein HB-1**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Myoregulin**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**NLR family pyrin domain-containing protein 2B**

*I-TASSER*

****

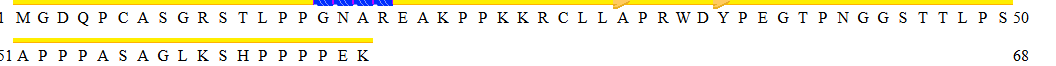
*AlphaFold*

**

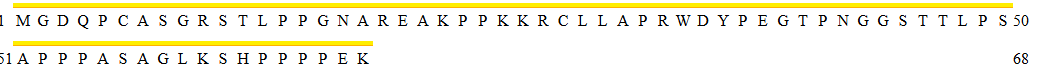
*Rosetta*

**Negative regulator of P-body association**

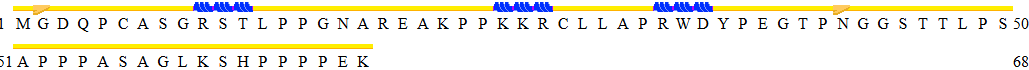
*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Oculomedin**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

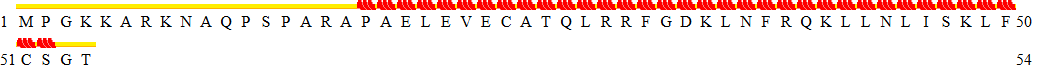
****

**Phorbol-12-myristate-13-acetate-induced protein 1**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

**A close up of a logo

Description automatically generated**

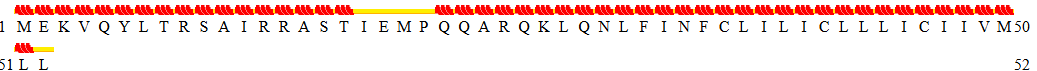
**Cardiac phospholamban**

*I-TASSER*

**A close up of a logo

Description automatically generated**

*AlphaFold*

**

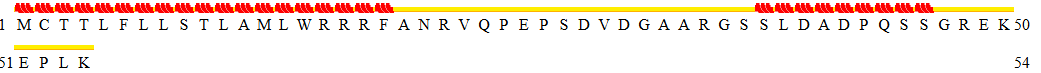
*Rosetta*

**A close up of a logo

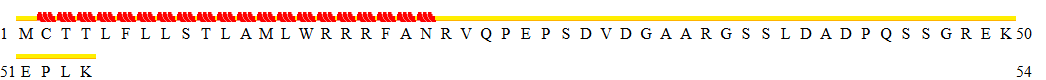
Description automatically generated**

**Photoreceptor disk component PRCD**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

**A close up of a text

Description automatically generated**

**Protein PIGBOS1**

*I-TASSER*

****

*AlphaFold*

*A close up of a text

Description automatically generated with medium confidence*

*Rosetta*

**A close up of a logo

Description automatically generated**

**Putative uncharacterized protein PRO2829**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Putative DNA-binding protein inhibitr ID-2B**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Putative glycosylation-dependent cell adhesion molecule 1**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Putative makorin-5**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Putatuve tumor antigen NA88-A**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Sarcolipin**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Short transmembrane mitochondrial protein 1**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Small cysteine and glycine repeat-containing protein 10**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Small integral membrane protein 38**

*I-TASSER*

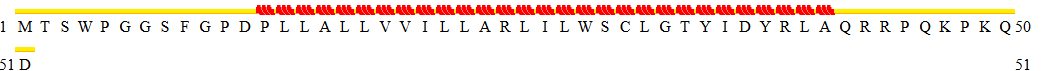
**A close up of a logo

Description automatically generated**

*AlphaFold*

**

*Rosetta*

****

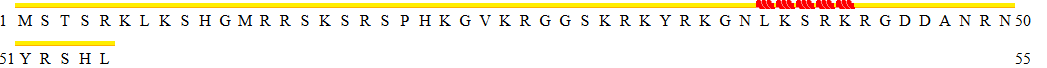
**Spermatid nuclear transition protein 1**

*I-TASSER*

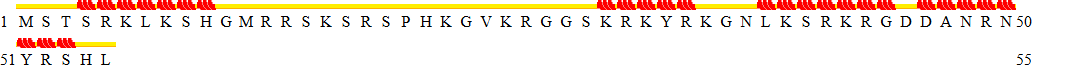
**A close up of text

Description automatically generated**

*AlphaFold*

**

*Rosetta*

****

**Thymosin Beta-15A**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**Mitochondrial import receptor subunit TOM5 homolog**

*I-TASSER*

**A close up of text

Description automatically generated**

*AlphaFold*

**

*Rosetta*

**A close up of a text

Description automatically generated**

**Putative Peptide YY-2**

*I-TASSER*

****

*AlphaFold*

**

*Rosetta*

****

**A close up of a white background

Description automatically generated**