- **ESMFold**
  (Lin et al., 2023)
- **ESM All-Atom**
  (Zheng et al., 2024)
- **Chai-1**
  (Chai Discovery et al., 2024)
- **AlphaFold3**
  (Abramson et al., 2024)
- **Boltz-2**
  (Passaro et al., 2025)
- **BioEmu**
  (Lewis et al., 2025)

- **CLEAN** (Yu et al., 2023)
- **DeepProSite** (Fang et al. 2023)
- **PTM-Mamba** (Peng et al., 2025)
- **ProtGPS** (Kilgore et al., 2025)

- **NeuralPLexer** (Qiao et al., 2024)
- **MINT** (Ullanat et al., 2025)
- **SWING** (Siwek et al., 2025)
- **LLaPA** (Zhou et al., 2025)

- **EVEscape**
  (Thadani et al., 2023)
- **MLAEP**
  (Han et al. 2023)
- **E2VD**
  (Nie et al., 2025)

- **HLApollo**
  (Thrift et al., 2024)
- ◆ **The mini-TCRm:**
  **RFDiffusion, ProteinMPNN**
  (Householder et al., 2025)
- ◆ **pMHCI-binding proteins:**
  **RFDiffusion, ProteinMPNN**
  (Liu et al., 2025)
- ◆ **NY-ESO-1 minibinder:**
  **RFDiffusion, ProteinMPNN**
  (Johansen et al., 2025)

- ◆ **TIGR-Tas:**
  (Faure et al., 2025)
- ◆ **MCOs & L-asparaginases:**
  **ESM-Ezy** (Qian et al., 2025)
- ◆ **Bile acid metabolic enzyme:**
  **BEAUT** (Ding et al., 2025)
- ◆ **SsCSO:**
  **CataPro** (Wang et al., 2025)

- ◆ **Human missense
  mutation proteome map:**
  **AlphaMissense**
  (Cheng et al., 2023)
- **Mal-ID**
  (Zaslavsky et al., 2025)
- **DrBioRight 2.0**
  (Liu et al., 2025)

- ◆ **ALDH1B1:**
  **SurfDock** (Cao et al., 2025)
- ◆ **Ligands targeting TYK2α:**
  **LigUnity** (Feng et al., 2025)
- ◆ **Binders against
  NCAM1 & AMHR2:**
  **PepMLM** (Chen et al., 2025)

- ◆ **Serine hydrolases:**
  **RFdiffusion** (Lauko et al., 2025)
- ◆ **GFP:** **ESM3** (Hayes et al., 2025)
- ◆ **Metallohydrolases:**
  **RFDiffusion2** (Ahern et al., 2025)
- ◆ **OpenCRISPR-1:**
  **ProGen2** (Ruffolo et al., 2025)

- ◆ **TnpB & TadA:**
  **ProMEP (**Cheng et al. 2024)
- ◆ **VHH antibody:**
  **Pro-PRIME** (Kang et al., 2025)
- ◆ **T7 RNA polymerase:**
  **EVOLVEpro** (Jiang et al., 2025)
- ◆ **tRNA synthetase:**
  **PLMeAE** (Zhang et al., 2025)
- ◆ **enDdd1-DdCBE:**
  **AiCE** (Fei et al. 2025)