|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Species | Sequence | Details | Method | Angstrom | Reference |
| Mouse | MMVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAEKVIKGEEISVVPNRALDASLSPVIL  GVQGGSQCLSCGTEKGPILKLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGW  FLCTSPEADQPVRLTQIPEDPAWDAPITDFYFQQCD  (91% identity between murine and human IL36Ra) | N/A | N/A | N/A | N/A |
| Mouse (Imd6) | VLSGALCFRMKDSALKVLYLHNNQLLAGGLHAEKVIKGEEISVVPNRALDASLSPVILGVQGGSQCLSCGTEKGPILKLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTSPEADQPVRLTQIPEDPAWDAPITDFYFQQCD | * Residues: 3-156 * Coverage: 99% | X ray diffraction | 1.6A | Dunn EF, Gay NJ, Bristow AF, Gearing DP, O'Neill LA, Pei XY; Biochemistry 42 10938-44 (2003) |
| Human | MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWLDASLSPVILG  VQGGSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWF  LCTVPEADQPVRLTQLPENGGWNAPITDFYFQQCD  (confirmed to be same as plasmid sequence by cDNA translation) | N/A | N/A | N/A | N/A |
| Human (4p0j) | SLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWLDASLSPVILGVQGGSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEADQPVRLTQELGKSYNTDFYFQQCD | * Residues: 2-138, 148-155 * Coverage: 92% * Crystal Structure of Loop-**Swapped Interleukin-36Ra** | X ray diffraction | 2.3A | Guenther S, Sundberg EJ; J. Immunol. (2014) |
| Human (4p0k) | SLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWPEALEQGRGSPVILGVQGGSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEADQPVRLTQELGKSYNTDFYFQQCD | * Residues: 3-49, 55-138, 148-155 * Coverage: 88% * Crystal Structure of **Double Loop-Swapped** Interleukin-36Ra | X ray diffraction | 1.7A | Guenther S, Sundberg EJ; J. Immunol. (2014) |
| Human (4p0l) | SLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWPEALEQGRGSPVILGVQGGSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRADAGLTSSFESAAYPGWFLCTVPEADQPVRLTQELGKSYNTDFYFQQCD | * Residues: 2-49, 55-102, 104-138, 148-155 Coverage: 88% * Crystal Structure of **Double Loop-Swapped Interleukin-36Ra With Additional Point Mutations** | X ray diffraction | 1.55A | Guenther S, Sundberg EJ; J. Immunol. (2014) |