

		PDBValidator
		atoms : List[Dict[str, Any]] grouped_atoms : Dict[str, Dict[int, Dict[str, Dict[str, Any]]]] pdb_content : NoneType, str sequences_by_chain : Dict[str, List[str]] violations : List[str]
	DecoyGenerator	EnergyMinimizer
	generate_ensemble(sequence: str, n_decoys: int, out_dir: str, rmsd_min: float, rmsd_max: float, optimize: bool, minimize: bool, forcefield: str)	DockingPrep
		forcefield : ForceField forcefield_name : str solvent_model : OBC2 water_model : str
		SideChainPacker
		steps : int temperature : float
		write_pqr(input_pdb: str, output_pqr: str): bool
		validate_all(): None validate_bond_angles(tolerance: float) validate_bond_lengths(tolerance: float) validate_chirality(): None validate_peptide_plane(tolerance_deg: float) validate_ramachandran() validate_sequence_improbabilities(max_consecutive_charged: int, max_hydrophobic_stretch: int, pro_pro_pro_rare: int) validate_steric_clashes(min_atom_distance: float, min_ca_distance: float, vdw_overlap_factor: float)