

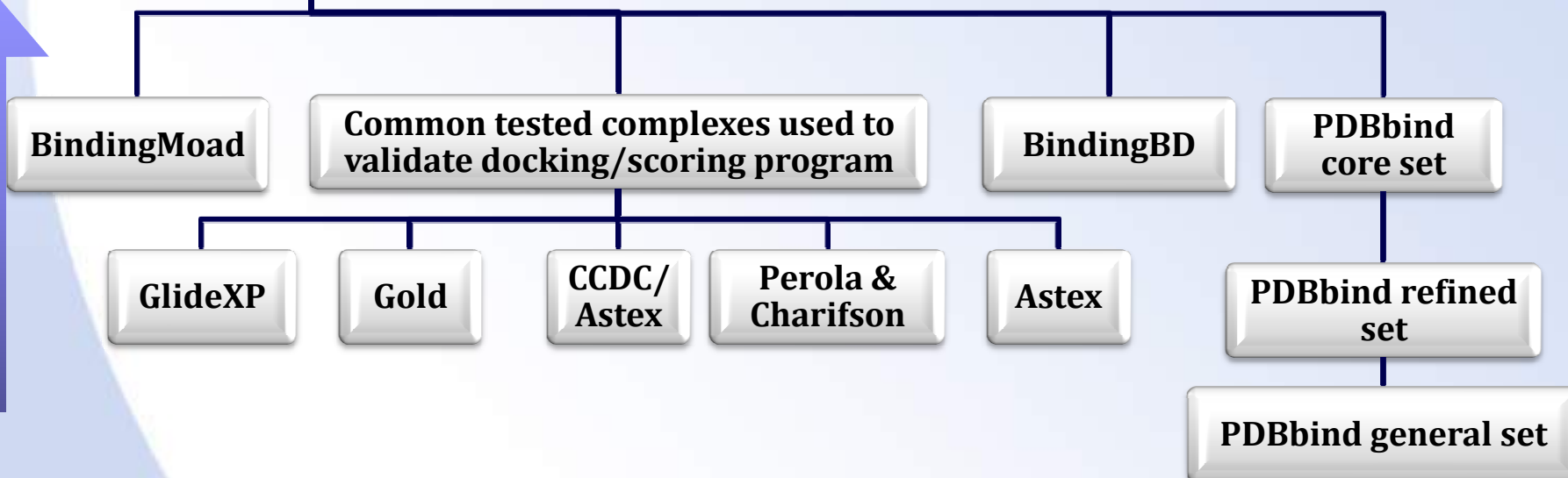
Binding Data Selection

Examples of “filtering” criteria

1. Complexes are grouped into clusters by protein sequence similarity.
2. Complexes with minority binding constant type (K_d or K_i) in one cluster will be removed.
3. Complexes containing big ligands will be removed.
4. The complexes with pK_d or $pK_i < 3$ will be removed.
5. One entry for each structure.

**“Training test set” (~20)
(to perform explicit
simulation)**

**Our compiled “Test set”
(~150 complexes with
known binding affinity and
structure)**



Ligand Parameterization Protocol

