

Table S10: Distribution of Nucleotide-Ligand Sequences over Domains

| Domain | Number of Sequences |
|--|---------------------|
| Zinc finger | 67 |
| RNA recognition motif | 37 |
| Actin | 30 |
| Cyclic nucleotide-monophosphate binding domain | 24 |
| DNA polymerase X family | 98 |
| 3'-5' exonuclease | 28 |
| Histidine kinase-like ATPases | 21 |
| Pancreatic ribonuclease | 22 |
| Pumilio-like repeats | 22 |
| Serine/Threonine protein kinases, catalytic domain | 34 |
| DNA polymerase A domain | 32 |
| ATPases associated with a variety of cellular activities | 61 |
| Homeodomain | 30 |
| Helix-hairpin-helix DNA-binding motif class 1 | 108 |
| Basic region leucine zipper | 22 |
| C4 zinc finger in nuclear hormone receptors | 23 |
| Rab subfamily of small GTPases | 22 |
| Helix-turn-helix lactose operon repressor | 30 |