**IRE1 PDB structures**

5hgi human apo

4YZD human phosphor with ADP\*Mg

4yzc human phosphor with stauro

4yz9 human phosphor with GSK kinase inhibitor

2HZ6

4z7g human

4Z7H

4Z7G

3p23 human non-phosphorylated, kinase domains face-to-face

3p23 human with ADP Note structurally similar face-to-face dimeric arrangement is observed in the crystal packing of yeast back-to-back dimers (PDB code 2RIO

6HX1 human with compound 2

6HV0 human with compound 33

4U6R human with sulfonamide inhibitor

3LJ0 yeast with ADP and Quercetin kinase domains are back to back; RNase domains face to face

3LJ1 yeast with CDK1/2 inhibitor

3LJ2 yeast with JAK inhibitor

#### 4PL3 murine with [MKC9989 inhibitor](http://www.rcsb.org/structure/4PL3) pH7.5 2930K

#### 4PL4 murine [with OICR464 inhibitor](http://www.rcsb.org/structure/4PL3)

#### 4PL5 murine