**ITK2:**

PP1: talin

PP2: alpha

PP3: beta

PP4, PP5, PP6: kindlin

PP6 and resid 569 to 680: F3

NITY (kindlin binding site): 756-759

STF: 752-754

**IK2:**

PP1: alpha

PP2: beta

PP3, PP4, PP5: Kindlin

PP5 and resid 569 to 680: F3

NPLY (talin binding site): 744-747

**IT:**

PP1: talin

PP2: alpha

PP3: beta

**ITK2\_Energies:**

1. "protein and segname PP6" "protein and segname PP3" Kindlin beta integrin
2. "protein and segname PP6 and resid 569 to 680" "protein and segname PP3 and resid 756 to 759" nity
3. "protein and segname PP6 and resid 569 to 680" "protein and segname PP3 and resid 752 to 754" ttv
4. "protein and segname PP6 PP5 PP4" "lipid"
5. "protein and segname PP1" "protein and segname PP3"
6. "protein and segname PP1" "protein and segname PP3 and resid 744 to 747" talin binding site nply
7. "protein and segname PP1" "protein and segname PP3 and resid 752 to 754" ttv
8. "protein and segname PP1" "lipid"
9. "protein and segname PP1" "protein and segname PP4 PP5 PP6"

**IK2\_Energies:**

1. "protein and segname PP5" "protein and segname PP2"
2. "protein and segname PP5 and resid 569 to 680" "protein and segname PP2 and resid 756 to 759" nity
3. "protein and segname PP5 and resid 569 to 680" "protein and segname PP2 and resid 752 to 754" ttv
4. "protein and segname PP5 PP4 PP3" "lipid"

**IT\_Energies:**

1. "protein and segname PP1" "protein and segname PP3"
2. "protein and segname PP1" "protein and segname PP3 and resid 744 to 747"
3. "protein and segname PP1" "protein and segname PP3 and resid 752 to 754"
4. "protein and segname PP1" "lipid"

**ITK2\_Energies:**

1. Kindlin – beta
2. Kindlin (F3) – NPXY
3. Kindlin (F3) – TTV
4. Kindlin (F3) – NPXY (talin binding site)
5. Kindlin (F3) – beta (resid 736 to 743, before talin binding site)
6. Kindlin (F3) – beta (resid 748 to 751, between the two NPXY)
7. Talin – beta
8. Talin – NPXY
9. Talin – TTV
10. Talin (F3) – NPXY (kindlin binding site)
11. Talin (F3) – beta (resid 736 to 743, before talin binding site)
12. Talin (F3) – beta (resid 748 to 751, between the two NPXY)
13. Kindlin – lipid
14. Talin – lipid
15. Talin – kindlin

**IK2\_Energies:**

1. Kindlin – beta
2. Kindlin (F3) – NPXY
3. Kindlin (F3) – TTV
4. Kindlin – lipid

**IT\_Energies:**

1. Talin – beta
2. Talin – NPXY
3. Talin – TTV
4. Talin – lipid