2bti.pdb

There are 130 interacting pairs.
Group 1: SER(-3)-ASN(33)
Group 1: LEU(0)-GLY(31)
Group 1: LEU(0)-VAL(32)
Group 1: LEU(0)-ASN(33)
Group 1: LEU(0)-ALA(34)
Group 1: LEU(0)-VAL(40)
Group 1: ILE(1)-GLY(31)
Group 1: ILE(1)-VAL(32)
Group 1: LEU(2)-GLY(31)
Group 1: LEU(2)-VAL(32)
Group 1: LEU(10)-VAL(18)
Group 1: LEU(10)-VAL(32)
Group 1: ILE(12)-VAL(16)
Group 1: ILE(12)-VAL(32)
Group 1: ILE(12)-ALA(34)
Group 1: GLY(13)-ALA(34)
Group 1: VAL(16)-VAL(16)
Group 1: VAL(18)-VAL(18)
Group 1: ILE(30)-VAL(18)
Group 1: GLU(43)-THR(17)
Group 1: ILE(1)-LEU(21)
Group 1: ILE(1)-ARG(29)
Group 1: ILE(1)-ILE(30)
Group 1: LEU(2)-ARG(29)
Group 1: LEU(2)-ILE(30)
Group 1: LEU(2)-ARG(42)
Group 1: THR(3)-ARG(29)
Group 1: THR(3)-ILE(30)
Group 1: ARG(4)-ILE(30)
Group 1: LEU(10)-ILE(30)
Group 1: LEU(10)-VAL(40)
Group 1: ILE(12)-VAL(40)
Group 1: GLY(13)-VAL(40)
Group 1: VAL(18)-ILE(30)
Group 1: VAL(28)-VAL(20)
Group 1: LEU(10)-HIS(41)
Group 1: LEU(10)-ARG(42)
Group 1: LEU(10)-GLU(43)
Group 1: ILE(12)-ILE(12)
Group 1: ILE(12)-VAL(38)
Group 1: ILE(12)-SER(39)

Group 1: GLY(13)-VAL(38)
Group 1: GLY(13)-SER(39)
Group 1: ASP(14)-SER(39)
Group 1: THR(3)-GLN(27)
Group 1: THR(3)-VAL(28)
Group 1: ARG(4)-GLN(27)
Group 1: ARG(4)-VAL(28)
Group 1: ARG(4)-ARG(42)
Group 1: GLU(8)-ARG(42)
Group 1: THR(9)-ARG(42)
Group 1: GLU(8)-GLU(43)
Group 1: GLU(8)-GLU(44)
Group 1: THR(9)-GLU(43)
Group 1: THR(9)-GLU(44)
Group 1: VAL(16)-ILE(12)
Group 1: THR(17)-GLU(43)
Group 1: VAL(18)-ILE(12)
Group 1: ILE(30)-ILE(1)
Group 1: ILE(30)-LEU(2)
Group 1: ILE(30)-THR(3)
Group 1: ILE(30)-ARG(4)
Group 1: ILE(30)-LEU(10)
Group 1: VAL(32)-LEU(10)
Group 1: VAL(32)-ILE(12)
Group 1: ALA(34)-ILE(12)
Group 1: VAL(38)-ILE(12)
Group 1: SER(39)-ILE(12)
Group 1: VAL(40)-LEU(10)
Group 1: VAL(40)-ILE(12)
Group 1: HIS(41)-LEU(10)
Group 1: ARG(42)-THR(9)
Group 1: ARG(42)-LEU(10)
Group 1: GLU(43)-THR(9)
Group 1: GLU(43)-LEU(10)
Group 1: VAL(38)-GLY(13)
Group 1: SER(39)-GLY(13)
Group 1: VAL(40)-GLY(13)
Group 1: GLU(15)-GLY(-4)
Group 1: VAL(32)-LEU(0)
Group 1: VAL(32)-ILE(1)
Group 1: VAL(32)-LEU(2)
Group 1: ASN(33)-GLY(-4)
Group 1: ASN(33)-SER(-3)
Group 1: ASN(33)-LEU(0)

Group 1: ALA(34)-GLY(-4)
Group 1: ALA(34)-SER(-3)
Group 1: ALA(34)-LEU(0)
Group 1: PRO(35)-GLY(-4)
Group 1: PRO(35)-SER(-3)
Group 1: VAL(20)-VAL(28)
Group 1: GLY(31)-LEU(0)
Group 1: GLY(31)-ILE(1)
Group 1: GLY(31)-LEU(2)
Group 1: LEU(21)-ILE(1)
Group 1: GLN(27)-THR(3)
Group 1: GLN(27)-ARG(4)
Group 1: VAL(28)-THR(3)
Group 1: VAL(28)-ARG(4)
Group 1: VAL(28)-ARG(5)
Group 1: VAL(28)-VAL(6)
Group 1: VAL(28)-VAL(23)
Group 1: VAL(28)-VAL(28)
Group 1: ARG(29)-ILE(1)
Group 1: ARG(29)-LEU(2)
Group 1: ARG(29)-THR(3)
Group 1: ARG(42)-LEU(2)
Group 1: ARG(42)-ARG(4)
Group 1: ARG(42)-GLU(8)
Group 1: GLU(43)-GLU(8)
Group 1: ASN(26)-VAL(6)
Group 1: ASN(26)-GLY(22)
Group 1: ARG(5)-GLN(27)
Group 1: ARG(5)-VAL(28)
Group 1: VAL(6)-GLN(27)
Group 1: VAL(6)-VAL(28)
Group 1: VAL(23)-VAL(23)
Group 1: VAL(23)-VAL(28)
Group 1: GLY(25)-VAL(23)
Group 1: ASN(26)-VAL(23)
Group 1: ARG(5)-ASN(26)
Group 1: GLY(22)-ASN(26)
Group 1: VAL(23)-GLY(25)
Group 1: VAL(23)-ASN(26)
Group 1: ASN(26)-ARG(5)
Group 1: GLN(27)-ARG(5)
Group 1: VAL(40)-LEU(0)
Group 1: VAL(6)-ASN(26)
Group 1: LYS(36)-GLY(-4)

Group 1: LYS(36)-SER(-3)
Number of groups = 1

3r0a.pdb

There are 95 interacting pairs.
Group 1: SER(-4)-GLU(112)
Group 1: SER(-4)-TRP(113)
Group 1: SER(-4)-GLY(116)
Group 1: SER(-4)-GLY(117)
Group 1: SER(-4)-GLU(118)
Group 1: ALA(-2)-GLU(109)
Group 1: ALA(-2)-GLU(112)
Group 1: ALA(-2)-TRP(113)
Group 1: ILE(0)-GLU(109)
Group 1: VAL(9)-GLU(109)
Group 1: VAL(9)-LEU(110)
Group 1: VAL(9)-TRP(113)
Group 1: GLU(10)-TRP(113)
Group 1: VAL(12)-LEU(110)
Group 1: ILE(13)-LEU(110)
Group 1: ILE(13)-TRP(113)
Group 1: LYS(28)-GLY(117)
Group 1: LEU(31)-GLU(114)
Group 1: LEU(31)-GLY(117)
Group 1: ASN(32)-GLU(118)
Group 1: LYS(88)-GLU(114)
Group 1: ILE(91)-GLU(114)
Group 1: ARG(92)-LEU(110)
Group 1: ARG(92)-LYS(111)
Group 1: ARG(92)-GLU(114)
Group 1: ILE(95)-LEU(110)
Group 1: GLN(96)-LEU(110)
Group 1: VAL(99)-LEU(110)
Group 1: ILE(0)-ARG(105)
Group 1: ILE(0)-LEU(106)
Group 1: PHE(2)-LEU(106)
Group 1: VAL(12)-LEU(106)
Group 1: ARG(92)-GLY(107)
Group 1: ILE(95)-GLY(107)
Group 1: GLN(96)-GLY(107)
Group 1: VAL(99)-LEU(106)
Group 1: VAL(99)-GLY(107)

Group 1: PHE(2)-PHE(2)
Group 1: PHE(2)-ALA(3)
Group 1: PHE(2)-TRP(102)
Group 1: PHE(7)-ALA(3)
Group 1: PHE(7)-LYS(5)
Group 1: VAL(12)-ALA(3)
Group 1: ASP(11)-ALA(3)
Group 1: ASP(11)-CYS(4)
Group 1: VAL(99)-ALA(3)
Group 1: VAL(99)-ALA(103)
Group 1: CYS(15)-ALA(3)
Group 1: CYS(15)-CYS(4)
Group 1: ALA(16)-ALA(3)
Group 1: TRP(102)-ALA(3)
Group 1: GLN(100)-ALA(103)
Group 1: TRP(102)-PHE(2)
Group 1: TRP(102)-ALA(103)
Group 1: ALA(103)-VAL(99)
Group 1: ALA(103)-GLN(100)
Group 1: ALA(103)-TRP(102)
Group 1: ALA(103)-ALA(103)
Group 1: ALA(3)-TRP(102)
Group 1: ALA(3)-PHE(2)
Group 1: ALA(3)-PHE(7)
Group 1: ALA(3)-ASP(11)
Group 1: ALA(3)-VAL(12)
Group 1: ALA(3)-CYS(15)
Group 1: ALA(3)-ALA(16)
Group 1: ALA(3)-VAL(99)
Group 1: LYS(5)-LYS(5)
Group 1: LYS(5)-PHE(7)
Group 1: LEU(106)-PHE(2)
Group 1: LEU(106)-ILE(0)
Group 1: LEU(106)-PHE(7)
Group 1: LEU(106)-VAL(12)
Group 1: LEU(106)-VAL(99)
Group 1: GLU(109)-ILE(0)
Group 1: GLY(107)-VAL(99)
Group 1: GLY(107)-GLN(96)
Group 1: LEU(110)-ILE(95)
Group 1: LEU(110)-GLN(96)
Group 1: CYS(4)-ASP(11)
Group 1: CYS(4)-CYS(15)
Group 1: GLU(109)-VAL(9)

Group 1: LEU(110)-VAL(9)
Group 1: TRP(113)-VAL(9)
Group 1: LEU(110)-ILE(13)
Group 1: TRP(113)-GLU(10)
Group 1: TRP(113)-ILE(13)
Group 1: GLU(109)-ALA(-2)
Group 1: LEU(110)-ARG(92)
Group 1: TRP(113)-ALA(-2)
Group 1: LYS(111)-ARG(92)
Group 1: TRP(113)-SER(-4)
Group 1: GLU(114)-SER(-4)
Group 1: GLU(114)-LEU(31)
Group 1: GLU(114)-LYS(88)
Group 1: ASN(115)-LYS(88)
Number of groups = 1

4uap.pdb

There are 39 interacting pairs.
Group 1: THR(6)-SER(16)
Group 1: SER(8)-ASP(10)
Group 1: SER(8)-SER(11)
Group 1: SER(8)-SER(12)
Group 1: SER(8)-LEU(14)
Group 1: GLY(9)-GLY(9)
Group 1: GLY(9)-ASP(10)
Group 1: GLY(9)-SER(11)
Group 1: GLY(9)-SER(12)
Group 1: ASP(10)-SER(8)
Group 1: ASP(10)-GLY(9)
Group 1: ASP(10)-ASP(10)
Group 1: ASP(10)-SER(11)
Group 1: ASP(10)-SER(12)
Group 1: SER(11)-SER(8)
Group 1: SER(11)-GLY(9)
Group 1: SER(11)-ASP(10)
Group 1: SER(11)-SER(11)
Group 1: SER(11)-LEU(20)
Group 1: SER(12)-SER(8)
Group 1: SER(12)-GLY(9)
Group 1: SER(12)-ASP(10)
Group 1: SER(12)-GLU(55)
Group 1: SER(12)-THR(57)
Group 1: LEU(20)-SER(11)

Group 1: GLU(55)-SER(12)
Group 1: THR(57)-SER(12)
Group 1: LEU(14)-SER(8)
Group 1: SER(16)-THR(6)
Group 1: ASP(48)-LYS(124)
Group 1: LYS(124)-ASP(48)
Group 1: GLN(47)-GLY(97)
Group 1: ASP(48)-TYR(94)
Group 1: ASP(48)-GLY(97)
Group 1: TYR(94)-GLN(47)
Group 1: TYR(94)-ASP(48)
Group 1: GLY(97)-GLN(47)
Group 1: GLY(97)-ASP(48)
Group 1: GLU(99)-GLN(47)
Number of groups = 1

6k62.pdb

There are 67 interacting pairs.
Group 1: GLU(29)-GLU(64)
Group 1: HIS(30)-HIS(30)
Group 1: HIS(30)-GLY(31)
Group 1: HIS(30)-GLY(34)
Group 1: HIS(30)-GLU(64)
Group 1: GLY(31)-HIS(30)
Group 1: GLY(31)-GLY(34)
Group 1: ARG(33)-GLY(34)
Group 1: ARG(33)-SER(58)
Group 1: ARG(33)-ARG(59)
Group 1: ARG(33)-GLU(64)
Group 1: GLY(34)-GLY(31)
Group 1: GLY(34)-ARG(33)
Group 1: GLY(34)-GLY(34)
Group 1: GLY(34)-GLY(37)
Group 1: GLY(37)-GLY(34)
Group 1: SER(58)-ARG(33)
Group 1: ARG(59)-ARG(33)
Group 1: GLU(64)-GLU(29)
Group 1: GLU(64)-HIS(30)
Group 1: GLU(64)-ARG(33)
Group 1: GLY(37)-GLY(37)
Group 1: GLY(37)-ALA(38)
Group 1: GLY(37)-GLY(41)
Group 1: GLY(37)-TYR(55)

Group 1: GLY(37)-SER(58)
Group 1: ALA(38)-GLY(37)
Group 1: ALA(38)-ALA(38)
Group 1: ILE(40)-ALA(38)
Group 1: GLY(41)-GLY(37)
Group 1: GLY(41)-ALA(38)
Group 1: TYR(55)-GLY(37)
Group 1: SER(58)-ARG(36)
Group 1: SER(58)-GLY(37)
Group 1: ARG(36)-SER(58)
Group 1: ILE(40)-SER(58)
Group 1: ILE(40)-ARG(51)
Group 1: ILE(40)-ARG(54)
Group 1: ILE(40)-TYR(55)
Group 1: GLY(41)-ARG(54)
Group 1: GLY(41)-TYR(55)
Group 1: GLU(176)-ARG(54)
Group 1: ALA(38)-ILE(40)
Group 1: ALA(38)-GLY(41)
Group 1: SER(58)-ILE(40)
Group 1: VAL(39)-GLY(41)
Group 1: GLY(41)-VAL(39)
Group 1: GLY(41)-GLY(41)
Group 1: GLY(41)-ALA(42)
Group 1: GLY(41)-ILE(47)
Group 1: GLY(41)-ARG(51)
Group 1: GLY(41)-PHE(52)
Group 1: ALA(42)-GLY(41)
Group 1: ILE(47)-GLY(41)
Group 1: ARG(51)-ILE(40)
Group 1: ARG(51)-GLY(41)
Group 1: PHE(52)-GLY(41)
Group 1: ARG(54)-ILE(40)
Group 1: TYR(55)-ILE(40)
Group 1: TYR(55)-GLY(41)
Group 1: ARG(54)-GLU(176)
Group 1: ALA(42)-ALA(42)
Group 1: GLY(43)-ALA(42)
Group 1: GLY(43)-ARG(51)
Group 1: ALA(42)-GLY(43)
Group 1: ARG(51)-GLY(43)
Group 1: ASP(50)-GLU(176)
Number of groups = 1

6k97.pdb

There are 80 interacting pairs.
Group 1: ALA(5)-LEU(8)
Group 1: ALA(6)-ARG(34)
Group 1: ALA(6)-SER(91)
Group 1: ALA(6)-LEU(93)
Group 1: ALA(6)-GLU(116)
Group 1: GLY(7)-ALA(19)
Group 1: GLY(7)-GLY(33)
Group 1: GLY(7)-ARG(34)
Group 1: LEU(8)-ALA(5)
Group 1: LEU(8)-LEU(8)
Group 1: LEU(8)-LEU(10)
Group 1: LEU(8)-ALA(19)
Group 1: LEU(8)-THR(20)
Group 1: LEU(8)-THR(32)
Group 1: LEU(8)-GLY(33)
Group 1: LEU(8)-ARG(34)
Group 1: GLY(9)-ALA(19)
Group 1: GLY(9)-THR(20)
Group 1: GLY(9)-THR(32)
Group 1: GLY(9)-GLY(33)
Group 1: GLY(9)-ARG(34)
Group 1: GLY(9)-LEU(93)
Group 1: GLY(9)-LEU(94)
Group 1: GLY(9)-GLN(95)
Group 1: LEU(10)-LEU(8)
Group 1: LEU(10)-LEU(10)
Group 1: LEU(10)-THR(20)
Group 1: LEU(10)-THR(32)
Group 1: LEU(10)-LEU(93)
Group 1: GLU(11)-LEU(93)
Group 1: ALA(19)-GLY(7)
Group 1: ALA(19)-LEU(8)
Group 1: ALA(19)-GLY(9)
Group 1: THR(20)-LEU(8)
Group 1: THR(20)-GLY(9)
Group 1: THR(20)-LEU(10)
Group 1: THR(32)-LEU(8)
Group 1: THR(32)-GLY(9)
Group 1: THR(32)-LEU(10)
Group 1: THR(32)-THR(22)
Group 1: GLY(33)-GLY(7)

Group 1: GLY(33)-LEU(8)
Group 1: GLY(33)-GLY(9)
Group 1: ARG(34)-ALA(6)
Group 1: ARG(34)-GLY(7)
Group 1: ARG(34)-LEU(8)
Group 1: ARG(34)-GLY(9)
Group 1: LEU(93)-ALA(6)
Group 1: LEU(93)-GLY(9)
Group 1: LEU(93)-LEU(10)
Group 1: LEU(94)-GLY(9)
Group 1: GLN(95)-GLY(9)
Group 1: GLU(116)-ALA(6)
Group 1: THR(22)-THR(32)
Group 1: THR(22)-GLN(95)
Group 1: LEU(93)-GLU(11)
Group 1: LEU(30)-THR(22)
Group 1: GLN(95)-THR(22)
Group 1: THR(22)-LEU(30)
Group 1: LEU(24)-LEU(30)
Group 1: LEU(30)-LEU(30)
Group 1: GLU(23)-TRP(121)
Group 1: LEU(24)-ALA(97)
Group 1: PRO(25)-ALA(97)
Group 1: PRO(25)-ARG(112)
Group 1: PRO(25)-TRP(121)
Group 1: ASP(26)-ALA(97)
Group 1: LEU(30)-LEU(24)
Group 1: LEU(24)-LEU(24)
Group 1: ALA(97)-LEU(24)
Group 1: TRP(121)-GLU(23)
Group 1: ALA(97)-PRO(25)
Group 1: ALA(97)-ASP(26)
Group 1: ARG(112)-PRO(25)
Group 1: TRP(121)-PRO(25)
Group 1: PRO(25)-THR(110)
Group 1: PRO(25)-GLU(123)
Group 1: ASP(26)-GLY(99)
Group 1: GLY(99)-ASP(26)
Group 1: THR(110)-PRO(25)
Number of groups = 1

6lac.pdb

There are 98 interacting pairs.
Group 1: SER(33)-PHE(51)
Group 1: SER(33)-GLU(52)
Group 1: SER(33)-TYR(53)
Group 1: SER(33)-THR(69)
Group 1: ASP(34)-PHE(51)
Group 1: SER(35)-GLU(52)
Group 1: GLY(36)-ALA(47)
Group 1: GLY(36)-ASP(48)
Group 1: GLY(36)-ILE(50)
Group 1: GLY(36)-PHE(51)
Group 1: GLY(36)-GLU(52)
Group 1: ARG(54)-GLU(52)
Group 1: ARG(54)-TYR(53)
Group 1: ARG(54)-ARG(54)
Group 1: SER(55)-TYR(53)
Group 1: SER(55)-SER(65)
Group 1: SER(55)-THR(69)
Group 1: LEU(56)-SER(65)
Group 1: LEU(56)-ALA(68)
Group 1: LEU(56)-THR(69)
Group 1: LEU(56)-TYR(72)
Group 1: ILE(92)-TYR(72)
Group 1: GLU(52)-ARG(54)
Group 1: TYR(53)-ARG(54)
Group 1: TYR(53)-SER(55)
Group 1: SER(65)-SER(55)
Group 1: THR(69)-SER(55)
Group 1: VAL(61)-SER(65)
Group 1: ASP(63)-SER(65)
Group 1: LEU(64)-SER(65)
Group 1: SER(65)-SER(65)
Group 1: SER(65)-CYS(66)
Group 1: CYS(66)-SER(65)
Group 1: GLY(100)-GLY(71)
Group 1: GLY(100)-TYR(72)
Group 1: LEU(101)-ALA(68)
Group 1: LEU(101)-TYR(72)
Group 1: GLN(102)-LYS(67)
Group 1: GLN(102)-ALA(68)
Group 1: GLN(102)-GLY(71)
Group 1: GLN(102)-TYR(72)
Group 1: TRP(105)-ALA(68)

Group 1: ALA(37)-ALA(47)
Group 1: ALA(37)-ASP(48)
Group 1: ASP(38)-ALA(47)
Group 1: GLU(52)-SER(33)
Group 1: GLU(52)-SER(35)
Group 1: GLU(52)-GLY(36)
Group 1: TYR(53)-SER(33)
Group 1: PHE(51)-SER(33)
Group 1: THR(69)-SER(33)
Group 1: SER(65)-LEU(56)
Group 1: SER(65)-VAL(61)
Group 1: SER(65)-ASP(63)
Group 1: SER(65)-LEU(64)
Group 1: VAL(61)-LEU(64)
Group 1: ASP(63)-ASP(63)
Group 1: ASP(63)-LEU(64)
Group 1: LEU(64)-VAL(61)
Group 1: LEU(64)-ASP(63)
Group 1: LEU(64)-LEU(64)
Group 1: LEU(64)-GLN(102)
Group 1: LEU(64)-PRO(104)
Group 1: GLN(102)-LEU(64)
Group 1: PRO(104)-LEU(64)
Group 1: LEU(101)-SER(76)
Group 1: ASN(98)-SER(76)
Group 1: ALA(99)-ASP(75)
Group 1: ALA(99)-SER(76)
Group 1: GLY(100)-ASP(75)
Group 1: GLY(100)-SER(76)
Group 1: ALA(47)-GLY(36)
Group 1: ASP(48)-GLY(36)
Group 1: ILE(50)-GLY(36)
Group 1: PHE(51)-ASP(34)
Group 1: PHE(51)-GLY(36)
Group 1: THR(69)-LEU(56)
Group 1: ALA(68)-LEU(56)
Group 1: TYR(72)-LEU(56)
Group 1: LYS(67)-GLN(102)
Group 1: ALA(68)-LEU(101)
Group 1: ALA(68)-GLN(102)
Group 1: ALA(68)-TRP(105)
Group 1: GLY(71)-GLY(100)
Group 1: GLY(71)-GLN(102)
Group 1: TYR(72)-ASN(98)

Group 1: TYR(72)-GLY(100)
Group 1: TYR(72)-LEU(101)
Group 1: TYR(72)-GLN(102)
Group 1: ALA(47)-ALA(37)
Group 1: ASP(48)-ALA(37)
Group 1: ALA(47)-ASP(38)
Group 1: SER(76)-LEU(101)
Group 1: ASP(75)-GLY(100)
Group 1: SER(76)-GLY(100)
Group 1: ASP(75)-ALA(99)
Group 1: SER(76)-ASN(98)
Group 1: SER(76)-ALA(99)
Number of groups = 1