

Table S1

Hydrogen bonds

	<u>NLRP7</u>	<u>Position</u>	<u>Dist. [Å]</u>	<u>ZBTB16</u>	<u>Position</u>
1	A:ARG 167[NH2]	PYD-Linker	2.83	B:THR 136[OG1]	Acidic (RD2)
2	A:ARG 167[HE]	PYD-Linker	2.17	B:ASP 139[OD2]	Acidic (RD2)
3	A:ARG 167[NH2]	PYD-Linker	2.80	B:ASP 139[OD2]	Acidic (RD2)
4	A:GLN 155[NE2]	PYD-Linker	3.29	B:ILE 209[O]	Intermed (RD2)
5	A:SER 974[H]	LRR	2.14	B:ASN 577[OD1]	ZN7
6	A:LYS 973[H]	LRR	2.04	B:ASN 577[O]	ZN7
7	A:HIS 970[NE2]	LRR	3.27	B:TYR 593[O]	ZN7
8	A:ALA 916[H]	LRR	2.30	B:GLU 599[OE1]	between ZN7/8
9	A:ARG 917[H]	LRR	2.07	B:GLU 599[OE1]	between ZN7/8
10	A:LYS 889[NZ]	LRR	2.44	B:PRO 601[O]	ZN8
11	A:ARG 455[NH1]	NACHT	3.37	B:LEU 606[O]	ZN8
12	A:ARG 455[NH1]	NACHT	3.28	B:CYS 607[SG]	ZN8
13	A:ARG 455[NH2]	NACHT	3.09	B:CYS 607[SG]	ZN8
14	A:SER 361[H]	NACHT	2.20	B:THR 633[OG1]	ZN9
15	A:ARG 396[NH1]	NACHT	3.25	B:LYS 665[O]	near ZN9
16	A:ARG 396[NH2]	NACHT	3.51	B:LYS 665[O]	near ZN9
17	A:LYS 379[NZ]	NACHT	2.44	B:THR 666[OG1]	near ZN9
18	A:LYS 379[NZ]	NACHT	2.51	B:THR 666[O]	near ZN9
19	A:GLY 219[O]	NACHT	1.99	B:SER 643[H]	ZN9
20	A:GLU 225[OE2]	NACHT	2.73	B:LYS 647[NZ]	ZN9
21	A:ARG 409[O]	NACHT	3.50	B:LYS 653[NZ]	ZN9
22	A:GLU 485[OE1]	NACHT	2.70	B:LYS 653[NZ]	ZN9
23	A:GLN 914[O]	LRR	2.12	B:GLU 599[H]	between ZN7/8

Salt bridges

	<u>NLRP7</u>	<u>Position</u>	<u>Dist. [Å]</u>	<u>ZBTB16</u>	<u>Position</u>
1	A:ARG 167[NE]	PYD-Linker	2.77	B:ASP 139[OD2]	Acidic (RD2)
2	A:ARG 167[NH2]	PYD-Linker	2.80	B:ASP 139[OD2]	Acidic (RD2)
3	A:LYS 889[NZ]	LRR	3.93	B:GLU 599[OE2]	between ZN7/8
4	A:GLU 225[OE1]	NACHT	3.22	B:LYS 647[NZ]	ZN9
5	A:GLU 225[OE2]	NACHT	2.73	B:LYS 647[NZ]	ZN9
6	A:GLU 485[OE1]	NACHT	2.70	B:LYS 653[NZ]	ZN9