



STRUCTURAL BIOLOGY  
COMMUNICATIONS

**Volume 71 (2015)**

**Supporting information for article:**

**Purification, crystallization and preliminary X-ray  
crystallographic analysis of a novel aldo–keto reductase from  
*Thermotoga maritima* in complex with NADP<sup>+</sup>**

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Chen and Xiaoling Xu**

	1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
1	MLYKELGRTG	EEIPALGLGT	WGIGGFETPD	YSRDEEMVEL	LKTAIKMGYT	HIDTAEYYGG	GHTTEELIGKA	IKDFRREDLF	IVSKVWPTH	RRDILLRSLE
101	NTLKRLDTDY	VDLYLIHWPN	PEIPLEETLS	AMAEGVRQGL	IRYIGVSNFD	RRLEEAIKSK	SQEPVCDQV	KYNIEDRDPE	RDGLLEFCQK	NGVTLVAYSP
201	LRRTLLSEKT	KRTLEEIAKN	HGATIIQIML	AWLLAKPNVV	AIPKAGRVEH	LRENKATEI	KLSEEMKLL	DSL		

**Figure S1** Coverage report of peptide mass fingerprinting for the degraded recombinant enzyme (The major band in Fig1. *b*, lane D).

	1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
1	MLYKELGRTG	EEIPALGLGT	WGIGGFETPD	YSRDEEMVEL	LKTAIKMGYT	HIDTAEYYGG	GHTTEELIGKA	IKDFRREDLF	IVSKVWPTH	RRDILLRSLE
101	NTLKRLDTDY	VDLYLIHWPN	PEIPLEETLS	AMAEGVRQGL	IRYIGVSNFD	RRLEEAIKSK	SQEPVCDQV	KYNIEDRDPE	RDGLLEFCQK	NGVTLVAYSP
201	LRRTLLSEKT	KRTLEEIAKN	HGATIIQIML	AWLLAKPNVV	AIPKAGRVEH	LRENKATEI	KLSEEMKLL	DSL		

**Figure S2** Coverage report of peptide mass fingerprinting for the degraded recombinant enzyme (The minor band in Fig1. *b*, lane D).

	1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
1	MLYKELGRTG	EEIPALGLGT	WGIGGFETPD	YSRDEEMVEL	LKTAIKMGYT	HIDTAEYYGG	GHTTEELIGKA	IKDFRREDLF	IVSKVWPTH	RRDILLRSLE
101	NTLKRLDTDY	VDLYLIHWPN	PEIPLEETLS	AMAEGVRQGL	IRYIGVSNFD	RRLEEAIKSK	SQEPVCDQV	KYNIEDRDPE	RDGLLEFCQK	NGVTLVAYSP
201	LRRTLLSEKT	KRTLEEIAKN	HGATIIQIML	AWLLAKPNVV	AIPKAGRVEH	LRENKATEI	KLSEEMKLL	DSL		

**Figure S3** Coverage report of peptide mass fingerprinting for the dissolved crystals (The band in Fig2. *c*, lane C1).

	1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
1	MLYKELGRTG	EEIPALGLGT	WGIGGFETPD	YSRDEEMVEL	LKTAIKMGYT	HIDTAEYYGG	GHTTEELIGKA	IKDFRREDLF	IVSKVWPTH	RRDILLRSLE
101	NTLKRLDTDY	VDLYLIHWPN	PEIPLEETLS	AMAEGVRQGL	IRYIGVSNFD	RRLEEAIKSK	SQEPVCDQV	KYNIEDRDPE	RDGLLEFCQK	NGVTLVAYSP
201	LRRTLLSEKT	KRTLEEIAKN	HGATIIQIML	AWLLAKPNVV	AIPKAGRVEH	LRENKATEI	KLSEEMKLL	DSL		

**Figure S4** Coverage report of peptide mass fingerprinting for the dissolved crystals (The band in Fig2. *c*, lane C2).