





























TraM - Conclusions			
Structurally striking similarities	to other <b>transfer proteins</b>		
Possible functions of TraM			
→ Similar to structural	ly <b>related proteins</b> (postulat	ed: <b>scaffolding</b>	factor
of the core complex) ?			
→ Attachment site fo	r the recipient cell		
$\rightarrow$ Morphogenesis of the	e actual <b>core-complex</b>		
Different overall structural cor	mposition points to a differe	ent task in T4SS	
Very limited number of structur	rally <b>"identical" proteins</b>		
→ exclusive / specialize	<b>d role</b> of the protein in these T	T4SS	
			_
	2014-04-07	Walter Keller	













TraK - Conclusions			
ssDNA interaction			
→ TraK might be involved	d in the <b>transport of the</b> s	single stranded plasmid	
Localization at the cell envelope	but not surface expose	d	
→ TraK might be an inte	gral component of the co	ore complex	
or			
→ TraK is <b>not positione</b>	<b>d</b> near the <b>opening in th</b>	e peptidoglycan layer	
Very limited number of structura	ally related proteins		
→ exclusive / specializ	ed role of the protein in t	hese T4SS	
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