

**Structural and Functional Analyses  
of the ScPex13p SH3 Domain  
and its Interactions  
with ScPex5p and ScPex14p**

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vorgelegt von  
**Xinji Hong**  
aus Shaanxi, P.R. China

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- 1. Gutachter: Prof. Dr. R. Erdmann**
- 2. Gutachter: PD Dr. M. Ziegler**

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## Abbreviations used in this work

3-AT	3-amino-1, 2, 4-triazole; a competitive inhibitor of the His3 protein.
3D	three-dimensional
aa	amino acid
APS	Ammonium peroxodisulfate
bp	bais pairs
BPB	bromphenol blue
CIAP	calf intestine alkaline phosphate
COSY	correlation spectroscopy
DMF	methyl formamide
DNA	deoxynucleic acid
dNTP	2'-deoxynucleoside 5'-triphosphate, sodium salt
ECL	enhanced chemiluminescence
<i>E. coli</i>	<i>Escherichia coli</i>
EDTA	ethylenediaminetetraacetic acid
ER	endoplasmatic reticulum
HSQC	heteronuclear single quantum coherence
IgG	immunoglobulin G
IPTG	isopropyl-thiogalactosidase
kDa	kilo Dalton
LB	Laurian broth
MCS	multiple cloning site
Ni-NTA	nickel-nitrilotriacetic acid
NOE	nuclear overhauser effect
NOESY	nuclear overhauser enhancement spectroscopy
NMR	nuclear magnetic resonance
OD	optical density
PBS	phosphate-buffered saline
PCR	polymerase chain reaction
PEX	proteins involved in the peroxisome biogenesis
PMP	peroxisomal membrane protein
rmsd	root mean square deviation

RU	reflection unit
<i>S.c.</i>	<i>Saccharomyces cerevisiae</i>
SD	synthetic dropout
SDS	sodium dodecyl sulfate
SDS-PAGE	SDS-polyacrylamide gel electrophoresis
SH3	Src homology 3
TCA	trichloric acetic acid
TH	two-hybrid method
TEMED	N,N,N,N-tetramethyl-ethylendiamine
Tris	Tris-(hydroxymethyl)-aminoethane
X-gal	5-bromo-4-chloro-3-indolyl-beta-D-galactoside

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