

Table S1 Primers used in this study.

Primer name	Sequence (5'-3')	Purpose
PEX1		
P _x 1	GAGCTGTACAAGTAACCCGGGATAGGCTTTCTTGTGCTGG	Amplifying 5'-fragment
P _x 2	TGGCTGCAGGTCGACGGATCCGCCCCGTCCTTAGATGCTC	
P _x 3	GACCCATGGCTCGAGTCTAGAATCGCACATAACCATCAACAT	Amplifying 3'-fragment
P _x 4	GGTGGTGGTGGCTAGCGTTAACGTCAACAGAACGGAAGAAAG	
P _x 5	ATGATGGGCGGTTGTGAT	PCR for screening mutants
P _x 6	GCTGCTGCTCTGAGTTTGC	
P _x 7	ATCCGTCGACCTGCAGCCAAGCTTAACTGCTTGCCCTTCTTCT	Cloning the entire ORF and promoter
P _x 8	ACACTAGTCAGATCTTCTAGTGTCCGAGTGACGGACTTTGA	
PL _x 1	ATTCAATCACAAACACCTTCAAAATGGCTCCTAGAAGGAATGCGCAAT	Cloning coding sequence
PL _x 2	CTCCTCGCCCTTGCTCACCATCATGAGACTACTACGGCCTCCAATC	
AD-Pex1-F	GCCATGGAGGCCAGTGAATTCATGGCTCCTAGAAGGAATGCG	For Y2H test
AD-Pex1-R	CAGCTCGAGCTCGATGGATCCCATGAGACTACTACGGCCTCCAAT	
PEX6		
P _x 1	GAGCTGTACAAGTAACCCGGGTGCTTGTCGGAGATGTTG	Amplifying 5'-fragment
P _x 2	TGGCTGCAGGTCGACGGATCCTACTGCTGGGTGAAATGG	
P _x 3	AACGTCGACCCATGGCTCGAGCGAGACCGTCTTTGTGAG	Amplifying 3'-fragment
P _x 4	ACACTAGTCAGATCTTCTAGACGAGGTTGGCAAGGAGCA	
P _x 5	CTTGACAGTTCCACGCCTCT	PCR for screening mutants
P _x 6	CGACTTGCTGAGTAGGGTGTTC	
P _x 7	ATCCGTCGACCTGCAGCCAAGCTTCCGTGGAGCAGCAAGACT	Cloning the entire ORF and promoter

P _x 8	ACACTAGTCAGATCTTCTAGTGTGAGGAGGATGAGGAGAAGAAGA	
PL _x 1	ATTCAATCACAAACACCTTCAAAATGACGACAGCCTCGACCAGCGCGG	Cloning coding sequence
PL _x 2	CTCCTCGCCCTTGCTCACCATATACAAATCCTCATCATCACTCGCC	
BD-Pex6-F	ATGGCCATGGAGGCCGAATTCATGACGACAGCCTCGACCAGCGCGG	For Y2H test
BD-Pex6-R	CGCTGCAGGTCGACGGATCCATACAAATCCTCATCATCACTCGCC	
AD-Pex6-F	GCCATGGAGGCCAGTGAATTCATGACGACAGCCTCGACCAGCGCGG	For Y2H test
AD-Pex6-R	CAGCTCGAGCTCGATGGATCCATACAAATCCTCATCATCACTCGCC	
PEX26		
P _x 1	GAGCTGTACAAGTAACGCATTCCAACGACTTTC	Amplifying 5'-fragment
P _x 2	CGACGGATCCCCGGGCTGCGGGTTTGCTATTCTG	
P _x 3	GACCCATGGCTCGAGTCTAGACTTGGATTTTCGGAAACAGG	Amplifying 3'-fragment
P _x 4	GGTGGTGGTGGCTAGCGTTAACAAGGATCGTGACGGGTG	
P _x 5	CACATCACCGCTTGTCTGC	PCR for screening mutants
P _x 6	CGTAGTCCCACTCATTGTTGC	
P _x 7	ATCCGTCGACCTGCAGCCAAGCTTGGAATACCTGGACCCTAA	Cloning the entire ORF and promoter
P _x 8	ACACTAGTCAGATCTTCTAGTGTCTAACCTGCCTCCCTCTAC	
PL _x 1	ATTCAATCACAAACACCTTCAAAATGTCCTTTGATGGCTCCTACGCTC	Cloning coding sequence
PL _x 2	CTCCTCGCCCTTGCTCACCATGATGTAGCTGACCTTGGTTCCCATG	
BD-Pex26-F	ATGGCCATGGAGGCCGAATTCATGTCCTTTGATGGCTCCTACGCTCCGT	For Y2H test
BD-Pex26-R	CGCTGCAGGTCGACGGATCCTTAGATGTAGCTGACCTTGGTTCCCATGC	