Sequence Listing

1	**Sequence Listing Information**	
1-1	fileName	st26-annex-iii-sequence-listing-specimen.xml
1-2	dtdVersion	V1_3
1-3	softwareName	WIPO Sequence
1-4	softwareVersion	3.0.0
1-5	productionDate	2024-07-28
1-6	originalFreeTextLanguageCode	ja
1-7	nonEnglishFreeTextLanguageCode	de
2	**General Information**	
2-1	Current application: IP Office	IB
2-2	Current application: Application number	PCT/IB2015/099999
2-3	Current application: Filing date	2015-01-31
2-4	Current application: Applicant file reference	AB123
2-5	Earliest priority application: IP Office	IB
2-6	Earliest priority application: Application number	PCT/IB2014/111111
2-7	Earliest priority application: Filing date	2014-01-30
2-8ja	Applicant name	出願製薬株式会社
2-8ja	Applicant name: Name Latin	Shutsugan Pharmaceuticals Kabushiki Kaisha
2-9ja	Inventor name	特許 太郎
2-9ja	Inventor name: Name Latin	Taro Tokkyo
2-10ja	Invention title	efgタンパク質をコードするマウスabcd-1遺伝子
2-10en	Invention title	Mus musculus abcd-1 gene for efg protein
2-11	SequenceTotalQuantity	11
3-1	**Sequences**	
3-1-1	Sequence Number [ID]	1
3-1-2	Molecule Type	DNA
3-1-3	Length	133
3-1-4-1	Features Location/Qualifiers	**source** 1..133 mol_type= genomic DNA organism= Homo sapiens
	NonEnglishQualifier Value	
3-1-5	**Residues** atgaaattaa aacataaaar ggatgataaa atgagatttg atataaaaaa ggttttagag 60 ttagcagaga aggattttga gacggcatgg agagagacaa gggcattaat aaaggataaa 120 catattgaca ata 133	
3-2	**Sequences**	
3-2-1	Sequence Number [ID]	2
3-2-2	Molecule Type	AA
3-2-3	Length	29
3-2-4-1	Features Location/Qualifiers	**source** 1..29 mol_type= protein note= Synthetic peptide antigen fragment organism= synthetic construct
	NonEnglishQualifier Value	**note (de) :** Synthetisches Peptidantigenfragment
3-2-5	**Residues** GSLSDVRKDV EKRIDKALEA FKNKMDKEK 29	
3-3	**Sequences**	
3-3-1	Sequence Number [ID]	3
3-3-2	Molecule Type	DNA

3-3-3	Length	62
3-3-4-1	Features Location/Qualifiers	**source** 1..62 mol_type= genomic DNA organism= Homo sapiens
	NonEnglishQualifier Value	
3-3-4-2	Features Location/Qualifiers	**CDS** 3..62 protein_id= 4 translation= MLAPDCPFDPTRIYSSSLC
	NonEnglishQualifier Value	
3-3-5	**Residues** tgatgctcgc acctgactgt cccttcgacc ccacacgcat ttatagctcc agcctgtgct 60 ag 62	
3-4	**Sequences**	
3-4-1	Sequence Number [ID]	4
3-4-2	Molecule Type	AA
3-4-3	Length	19
3-4-4-1	Features Location/Qualifiers	**source** 1..19 mol_type= protein organism= Homo sapiens
	NonEnglishQualifier Value	
3-4-5	**Residues** MLAPDCPFDP TRIYSSSLC 19	
3-5	**Sequences**	
3-5-1	Sequence Number [ID]	5
3-5-2	Molecule Type	DNA
3-5-3	Length	133
3-5-4-1	Features Location/Qualifiers	**modified_base** 22 mod_base= OTHER note= xanthine
	NonEnglishQualifier Value	
3-5-4-2	Features Location/Qualifiers	**modified_base** 15 mod_base= i
	NonEnglishQualifier Value	
3-5-4-3	Features Location/Qualifiers	**source** 1..133 mol_type= genomic DNA note= common name: tomato organism= Solanum lycopersicum
	NonEnglishQualifier Value	**note (de) :** gemeinsamen Namen: Tomate
3-5-4-4	Features Location/Qualifiers	**variation** 60 replace= c
	NonEnglishQualifier Value	
3-5-5	**Residues** atgaaattaa aacanaaaag gnatgataaa atgagatttg atataaaaaa ggttttagag 60 ttagcagaga aggattttga gacggcatgg agagagacaa gggcattaat aaaggataaa 120 catattgaca ata 133	
3-6	**Sequences**	
3-6-1	Sequence Number [ID]	6
3-6-2	Molecule Type	AA
3-6-3	Length	29
3-6-4-1	Features Location/Qualifiers	**MOD_RES** 3 note= N-acetylalanine
	NonEnglishQualifier Value	
3-6-4-2	Features Location/Qualifiers	**SITE** 13 note= D-Arginine
	NonEnglishQualifier Value	
3-6-4-3	Features Location/Qualifiers	**SITE** 7 note= Orn
	NonEnglishQualifier Value	
3-6-4-4	Features Location/Qualifiers	**source** 1..29 mol_type= protein

		note= Synthetic peptide antigen fragment organism= synthetic construct
	NonEnglishQualifier Value	**note (de) :** Synthetisches Peptidantigenfragment
3-6-4-5	Features Location/Qualifiers	**SITE** 22 note= Homoserine
	NonEnglishQualifier Value	
3-6-4-6	Features Location/Qualifiers	**VARIANT** 20 note= I, A, F, Y, aIle, MeIle, or Nle
	NonEnglishQualifier Value	
3-6-4-7	Features Location/Qualifiers	**UNSURE** 15 note= A or V
	NonEnglishQualifier Value	
3-6-5	**Residues** GSASDVXKDV EKRIXKALEX FSNKMDKSK 29	
3-7	**Sequences**	
3-7-1	Sequence Number [ID]	7
3-7-2	Molecule Type	
3-7-3	Length	
3-7-5	**Residues** 000	
3-8	**Sequences**	
3-8-1	Sequence Number [ID]	8
3-8-2	Molecule Type	RNA
3-8-3	Length	74
3-8-4-1	Features Location/Qualifiers	**source** 1..74 mol_type= genomic RNA organism= Dengue virus 2
	NonEnglishQualifier Value	
3-8-5	**Residues** atgaaattaa aacataaaag ggatgataaa atgagatttg atataaaaaa ggttttagag 60 ttagcagaga agga 74	
3-9	**Sequences**	
3-9-1	Sequence Number [ID]	9
3-9-2	Molecule Type	DNA
3-9-3	Length	120
3-9-4-1	Features Location/Qualifiers	**source** 1..120 mol_type= other DNA organism= synthetic construct
	NonEnglishQualifier Value	
3-9-4-2	Features Location/Qualifiers	**misc_feature** 61..120 note= RNA
	NonEnglishQualifier Value	
3-9-4-3	Features Location/Qualifiers	**misc_feature** 1..60 note= DNA
	NonEnglishQualifier Value	
3-9-5	**Residues** cgacccacgc gtccgaggaa ccaaccatca cgtttgagga cttcgtgaag gaattggata 60 atacccgtcc ctaccaaaat ggcgagcgcc gactcattgc tcctcgtacc gtcgagcggc 120	
3-10	**Sequences**	
3-10-1	Sequence Number [ID]	10
3-10-2	Molecule Type	DNA
3-10-3	Length	288
3-10-4-1	Features Location/Qualifiers	**CDS** 1..288 protein_id= 11 transl_table= 12 translation= MNLTLHNVIQTDSRGEKFMKIPEIYIRGIHIKYLRIPDDIMGYAKEQSMINMENRNRYQKRRGTSSGGGGGGGGG
	NonEnglishQualifier Value	
3-10-4-2	Features Location/Qualifiers	**source** 1..288 mol_type= genomic DNA

		organism= Candida albicans
	NonEnglishQualifier Value	
3-10-5	**Residues** atgaatttaa ccttacataa tgttatacaa accgattccc gaggtgagaa atttatgaaa 60 attcccgaaa tatatattcg tggtatacat attaaatatt taagaattcc tgatgatatt 120 atgggatatg caaaagaaca aagtatgata aatatggaaa atagaaatcg ataccaaaaa 180 agaagaggta ctagcagtgg tggtggtggt ggtggtggtg gtggaagtgg tgattcaaga 240 aggtttaata atagacaact gcatggacat aattatggac gtagatga 288	
3-11	**Sequences**	
3-11-1	Sequence Number [ID]	11
3-11-2	Molecule Type	AA
3-11-3	Length	95
3-11-4-1	Features Location/Qualifiers	**source** 1..95 mol_type= protein organism= Candida albicans
	NonEnglishQualifier Value	
3-11-5	**Residues** MNLTLHNVIQ TDSRGEKFMK IPEIYIRGIH IKYLRIPDDI MGYAKEQSMI NMENRNRYQK 60 RRGTSSGGGG GGGGGSGDSR RFNNRQSHGH NYGRR 95	