
7 Anhang

7.1 Abkürzungen

AA	Aminoacid
AP	alkaline phosphatase
BMP	Bone morphogenetic
BrdU	5'-Bromo-2'-deoxy-uridine
Cbfa	Core binding factor
col-II	Collagen type II
Col-X	Collagen type X
Dhh	Desert-Hedgehog
DNA	Desoxyribonucleic-acid
DUF	Domain of unknown function
ECM	extracellular matrix
EST	Expressed sequence tag
Ext	Exostosin
Hh	Hedgehog
IgG	Immunoglobuline G
Ihh	Indian-Hedgehog
mAb	Monoclonal Antibody
nr	Non-redundant
ORF	Open reading frame
Osx	Osterix
PAGE	Polyacrylamide-gel electrophoresis
PCR	Polymerase-chain reaction
PERP	p53 effector related to PMP22
PMP22	Peripheral myelin protein 22 kDa
Ptc	Patched
PthR	Parathyroid hormone receptor
PTHrP	Parathyroid related peptide
RCAS	Replication-competent ASLV long terminal repeat with a splice acceptor
RNA	Ribonucleic-acid
RPA	RNAse-Protection Assay
SDS	Sodiumdodecylsulphate
Shh	Sonic-Hedgehog
tsg	Twisted gastrulation protein
v/v	Volumen pro Volumen
w/v	Gewicht pro Volumen
ZPA	Zone of polarizing activity

7.2 Genverzeichnis

PlateID	Position	Hybr.-signal	Genprodukt/EST-Accession	PlateID	Position	Hybr.-signal	Genprodukt/EST-Accession
CT1	A07	0	BC023738	ST1	A01	1	trans. Init. Factor
CT1	A09	0	WW-domain-containing protein-3 (Wwp3-pending)	ST1	B07	0	Homo NADH dehydrogenase
CT1	A10	0	BC007146	ST1	C05	0	Rattus neurodegeneration associated protein 1 CDS
CT1	B04	0	tumor protein D52-like 2	ST1	C06	0	Mus thioredoxin reductase 1 (Txnrd1) mRNA
CT1	B11	0	BC027416	ST1	C07	0	twisted gastrulation protein
CT1	C11	0	Zinc Finger Protein (Zip292)	ST1	C08	1	Mus ubiquitin activating enzyme E1C mRNA
CT1	D03	0	XM_126533	ST1	C10	0	3483857
CT1	D08	0	IGF-II mRNA-binding Protein 1 (IMP-2)	ST1	D01	0	ferritin heavy chain (Fth)
CT1	D12	0	XM_178405	ST1	D02	1	NM05055
CT1	E01	0	BC082972.H3083A04.5	ST1	D11	1	stearyl-CoA desaturase 2 (Scd2)
CT1	E02	0	similar to IGF-II mRNA binding protein 2	ST1	E07	1	proteasome subunit alpha type 6 (Psmaf)
CT1	E08	0	Rat acyl-CoA synthetase II CDS	ST1	E08	0	stearyl-CoA desaturase 2 (Scd2)
CT1	F02	1	AK011548	ST1	F11	0	abi-1-interactor
CT1	F03	0	Homo. RAN binding protein 3 (RANBP3)	ST1	G01	0	similar to calnexin
CT1	G03	0	similar to Rag C protein	ST1	G04	0	Homo splicing factor similar to dnaJ (SFPF3) mRNA
CT1	G04	0	XM_158520	ST1	G05	0	zinc finger protein BERF-1 (Zfp148) (Exon 8+9)
CT1	G06	0	similar to paraoxonase 2	ST1	H01	0	Heat stable antigen CD24a
CT1	G07	0	Mus putative Cl-channel protein ClC6	ST1	H03	1	casein kinase 2
CT1	H06	0	Bovine GTP-binding Protein (smg p21B) CDS	ST1	H04	0	MSX-like zinc-finger
CT1	H07	0	Mus MMTV receptor variant 1 (Mtvr2) CDS	ST1	H12	0	AW537425
CT1	H08	0	Mus cysteine protease 1 (Prsc1) mRNA, Legumain	ST1	A02	0	homo TATA element modulatory factor 1 (TMF1)
CT1	H08	1	Mus alpha-CP2 (pcbp2) gene Exons 7-12	ST2	A04	0	BCL2/adenovirus E1B 19kDa-interacting protein 1, NIP2 (Bnip2)
CT2	A01	0	Mus nuclear factor, erythroid derived2, -like 1 (Nfe2l1)	ST2	B01	0	BE159077
CT2	A03	1	Mus interferon alpha/beta receptor	ST2	B06	0	BG077810
CT2	A04	0	4488441	ST2	B07	0	AW968716
CT2	A06	1	Mus phospholipase C gamma 1 mRNA	ST2	B08	0	BG079433
CT2	A07	0	Mus similar hypothetical protein FLJ20436	ST2	B09	0	BG079433
CT2	A11	0	4487991	ST2	C05	1	BG083367
CT2	B02	0	AW681928	ST2	C06	1	3513209
CT2	B03	0	BF682141	ST2	D05	0	homo transducin beta-like 3
CT2	B04	1	3709241	ST2	E01	1	non-POU-domain-containing, octamer-binding protein (Nono)
CT2	B05	0	Mus histone deacetylase 2 (Hdac2) mRNA	ST2	E05	0	AA272849
CT2	B08	0	Mus actin-related protein 1 homolog A (yeast) mRNA	ST2	E12	0	354747
CT2	B10	0	BE627663	ST2	F09	1	AW048740
CT2	B12	0	AK917847	ST2	G02	0	similar to Glycogen synthase kinase-3 alpha (GSK-3 alpha)
CT2	C09	0	Homo MBL-associated serine protease 2 (MASP2) gene	ST2	G06	1	unknown, RIN, Zink Finger
CT2	D10	0	Rattus beta-1,2-N-acetylglucosaminyltransferase II (Gnt II) CDS	ST2	G11	0	ash2 (similar tx)
CT2	D11	1	Mus Dutt1 protein mRNA	ST3	A03	1	AA067124
CT2	E02	0	Mus ribonucleotide reductase M1 (Rrm1) mRNA	ST3	A08	0	BF383267
CT2	E04	0	BG066283	ST3	C03	0	BE859838
CT2	E09	0	Mus yes-associated protein, 65kDa (Yap)	ST3	C07	1	Mus peripheral myelin protein 22kDa mRNA
CT2	F11	0	AW215630	ST3	C12	1	surfeit 4-protein
CT2	G03	1	BG173458	ST3	D01	1	BE448165
CT2	G04	0	Mus site-1 protease (Slp-pending)	ST3	E05	0	Mus Histone deacetylase 1
CT2	G08	1	BE367781	ST3	E07	0	lens epithelium-derived growth factor (LEDGF)
CT2	G11	0	BG078676	ST3	F01	0	translation initiation factor 1A
CT2	H01	0	Rattus cytosolic inhibitor of Nr2	ST3	F07	1	BM894139
CT3	A08	0	X-ray DNA-repair protein (Xrcc1)	ST3	F10	0	VC8204
CT3	B07	0	Amino Acid Transporter	ST3	G06	0	Rattus ribonucleoprotein F CDS
CT3	B08	1	Similar to CDC16 cell division cycle 16 homolog	ST3	H03	0	Mus TANK-binding Kinase 1
CT3	D01	0	UDP-N-acetyl...galactoseamine...transferase	ST3	H10	0	1548600
CT3	D03	0	XM_133028	ST3	H11	1	glutamate oxaloacetate transaminase 2, mitochondrial (Got2)
CT3	D12	0	succinate-coenzymaA synthetase	ST3	H12	0	epithelial ankyrin 3
CT3	E12	0	Archain 1				
CT3	F01	0	suppressor of Ty 5 homolog (Sup5h)				
CT3	F04	1	Ribonuclease, DNA-Polymerase	Hybr.Klone (gesamt):	119		
CT3	F09	1	Claudin3, CPE receptor2, Enterotoxin receptor	Klone mit Hyb-Sig.:	32		
CT3	F10	1	similar to Tropomyosin				
CT3	F11	0	cleavage and polyadenylation specificity factor 73 kDa (Cpsf3)				
CT3	F12	0	GNAS (guanine nucleotide binding protein)				
CT3	G02	0	BC031831				
CT3	G12	0	Ribosomal protein L32				
CT3	H02	0	COP9 (const. photomorph.) homol. / transc. co-repressor				
CT3	H04	1	Septin				
CT3	H06	0	similar to KIAA0560 protein				
CT3	H11	0	pyruvate dehydrogenase				