

**Genliste FoundationOne®HEME** [Flyer](#)
**DNA (Gene mit kompletten kodierenden Exonen)**

<b>ABL1</b>	<b>ACTB</b>	<b>AKT1</b>	<b>AKT2</b>	<b>AKT3</b>	<b>ALK</b>
<b>AMER1 (FAM123B or WTX)</b>	<b>APC</b>	<b>APH1A</b>	<b>AR</b>	<b>ARAF</b>	<b>ARFRP1</b>
<b>ARHGAP26 (GRAF)</b>	<b>ARID1A</b>	<b>ARID2</b>	<b>ASMTL</b>	<b>ASXL1</b>	<b>ATM</b>
<b>ATR</b>	<b>ATRX</b>	<b>AURKA</b>	<b>AURKB</b>	<b>AXIN1</b>	<b>AXL</b>
<b>B2M</b>	<b>BAP1</b>	<b>BARD1</b>	<b>BCL10</b>	<b>BCL11B</b>	<b>BCL2</b>
<b>BCL2L2</b>	<b>BCL6</b>	<b>BCL7A</b>	<b>BCOR</b>	<b>BCORL1</b>	<b>BIRC3</b>
<b>BLM</b>	<b>BRAF</b>	<b>BRCA1</b>	<b>BRCA2</b>	<b>BRD4</b>	<b>BRIP1 (BACH1)</b>
<b>BRSK1</b>	<b>BTG2</b>	<b>BTK</b>	<b>BTLA</b>	<b>C11orf30 (EMSY)</b>	<b>CAD</b>
<b>CALR</b>	<b>CARD11</b>	<b>CBFB</b>	<b>CBL</b>	<b>CCND1</b>	<b>CCND2</b>
<b>CCND3</b>	<b>CCNE1</b>	<b>CCT6B</b>	<b>CD22</b>	<b>CD274 (PD-L1)</b>	<b>CD36</b>
<b>CD58</b>	<b>CD70</b>	<b>CD79A</b>	<b>CD79B</b>	<b>CDC73</b>	<b>CDH1</b>
<b>CDK12</b>	<b>CDK4</b>	<b>CDK6</b>	<b>CDK8</b>	<b>CDKN1B</b>	<b>CDKN2A</b>
<b>CDKN2B</b>	<b>CDKN2C</b>	<b>CEBPA</b>	<b>CHD2</b>	<b>CHEK1</b>	<b>CHEK2</b>
<b>CIC</b>	<b>CIITA</b>	<b>CKS1B</b>	<b>CPS1</b>	<b>CREBBP</b>	<b>CRKL</b>
<b>CRLF2</b>	<b>CSF1R</b>	<b>CSF3R</b>	<b>CTCF</b>	<b>CTNNA1</b>	<b>CTNNB1</b>
<b>CUX1</b>	<b>CXCR4</b>	<b>DAXX</b>	<b>DDR2</b>	<b>DDX3X</b>	<b>DNM2</b>
<b>DNMT3A</b>	<b>DOT1L</b>	<b>DTX1</b>	<b>DUSP2</b>	<b>DUSP9</b>	<b>EBF1</b>
<b>ECT2L</b>	<b>EED</b>	<b>EGFR</b>	<b>ELP2</b>	<b>EP300</b>	<b>EPHA3</b>
<b>EPHA5</b>	<b>EPHA7</b>	<b>EPHB1</b>	<b>ERBB2</b>	<b>ERBB3</b>	<b>ERBB4</b>
<b>ERG</b>	<b>ESR1</b>	<b>ETS1</b>	<b>ETV6</b>	<b>EXOSC6</b>	<b>EZH2</b>
<b>FAF1</b>	<b>FAM46C</b>	<b>FANCA</b>	<b>FANCC</b>	<b>FANCD2</b>	<b>FANCE</b>
<b>FANCF</b>	<b>FANCG</b>	<b>FANCL</b>	<b>FAS (TNFRSF6)</b>	<b>FBXO11</b>	<b>FBXO31</b>
<b>FBXW7</b>	<b>FGF10</b>	<b>FGF14</b>	<b>FGF19</b>	<b>FGF23</b>	<b>FGF3</b>
<b>FGF4</b>	<b>FGF6</b>	<b>FGFR1</b>	<b>FGFR2</b>	<b>FGFR3</b>	<b>FGFR4</b>

FHIT	FLCN	FLT1	FLT3	FLT4	FLYWCH1
FOXL2	FOXO1	FOXO3	FOXP1	FRS2	GADD45B
GATA1	GATA2	GATA3	GID4 (C17orf39)	GNA11	GNA12
GNA13	GNAQ	GNAS	GPR124	GRIN2A	GSK3B
GTSE1	HDAC1	HDAC4	HDAC7	HGF	HIST1H1C
HIST1H1D	HIST1H1E	HIST1H2AC	HIST1H2AG	HIST1H2AL	HIST1H2AM
HIST1H2BC	HIST1H2BJ	HIST1H2BK	HIST1H2BO	HIST1H3B	HNF1A
HRAS	HSP90AA1	ICK	ID3	IDH1	IDH2
IGF1R	IKBKE	IKZF1	IKZF2	IKZF3	IL7R
INHBA	INPP4B	INPP5D (SHIP)	IRF1	IRF4	IRF8
IRS2	JAK1	JAK2	JAK3	JARID2	JUN
KAT6A (MYST3)	KDM2B	KDM4C	KDM5A	KDM5C	KDM6A
KDR	KEAP1	KIT	KLHL6	KMT2A (MLL)	KMT2C (MLL3)
KMT2D (MLL2)	KRAS	LEF1	LRP1B	LRRK2	MAF
MAFB	MAGED1	MALT1	MAP2K1 (MEK1)	MAP2K2 (MEK2)	MAP2K4
MAP3K1	MAP3K14	MAP3K6	MAP3K7	MAPK1	MCL1
MDM2	MDM4	MED12	MEF2B	MEF2C	MEN1
MET	MIB1	MITF	MKI67	MLH1	MPL
MRE11A	MSH2	MSH3	MSH6	MTOR	MUTYH
MYC	MYCL (MYCL1)	MYCN	MYD88	MYO18A	NCOR2
NCSTN	NF1	NF2	NFE2L2	NFKBIA	NKX2-1
NOD1	NOTCH1	NOTCH2	NPM1	NRAS	NSD1
NT5C2	NTRK1	NTRK2	NTRK3	NUP93	NUP98
P2RY8	PAG1	PAK3	PALB2	PASK	PAX5
PBRM1	PC	PCBP1	PCLO	PDCD1 (PD-1)	PDCD11
PDCD1LG2 (PD-L2)	PDGFRA	PDGFRB	PDK1	PHF6	PIK3CA
PIK3CG	PIK3R1	PIK3R2	PIM1	PLCG2	POT1
PPP2R1A	PRDM1	PRKAR1A	PRKDC	PRSS8	PTCH1
PTEN	PTPN11	PTPN2	PTPN6 (SHP-1)	PTPRO	RAD21

RAD50	RAD51	RAF1	RARA	RASGEF1A	RB1
RELN	RET	RHOA	RICTOR	RNF43	ROS1
RPTOR	RUNX1	S1PR2	SDHA	SDHB	SDHC
SDHD	SERP2	SETBP1	SETD2	SF3B1	SGK1
SMAD2	SMAD4	SMARCA1	SMARCA4	SMARCB1	SMC1A
SMC3	SMO	SOCS1	SOCS2	SOCS3	SOX2
SOX10	SPEN	SPOP	SRC	SRSF2	STAG2
STAT3	STAT4	STAT5A	STAT5B	STAT6	STK11
SUFU	SUZ12	TAF1	TBL1XR1	TCF3 (E2A)	TCL1A (TCL1)
TET2	TGFBR2	TLL2	TMEM30A	TMSB4XP8 (TMSL3)	TNFAIP3
TNFRSF11A	TNFRSF14	TNFRSF17	TOP1	TP53	TP63
TRAF2	TRAF3	TRAF5	TSC1	TSC2	TSHR
TUSC3	TYK2	U2AF1	U2AF2	VHL	WDR90
WHSC1 (MMSET or NSD2)	WISP3	WT1	XBP1	XPO1	YY1AP1
ZMYM3	ZNF217	ZNF24 (ZSCAN3)	ZNF703	ZRSR2	

**DNA (Gene mit ausgewählten nicht-kodierenden Intronen)**

ALK	BCL2	BCL6	BCR	BRAF	CCND1
CRLF2	EGFR	EPOR	ETV1	ETV4	ETV5
ETV6	EWSR1	FGFR2	IGH	IGK	IGL
JAK1	JAK2	KMT2A (MLL)	MYC	NTRK1	PDGFRA
PDGFRB	RAF1	RARA	RET	ROS1	TMPRSS2
TRG					

**RNA**

ABI1	ABL1	ABL2	ACSL6	AFF1	AFF4
ALK	ARHGAP26 (GRAF)	ARHGEF12	ARID1A	ARNT	ASXL1
ATF1	ATG5	ATIC	BCL10	BCL11A	BCL11B
BCL2	BCL3	BCL6	BCL7A	BCL9	BCOR

BCR	BIRC3	BRAF	BTG1	CAMTA1	CARS
CBFA2T3	CBFB	CBL	CCND1	CCND2	CCND3
CD274 (PD-L1)	CDK6	CDX2	CHIC2	CHN1	CIC
CIITA	CLP1	CLTC	CLTCL1	CNTRL (CEP110)	COL1A1
CREB3L1	CREB3L2	CREBBP	CRLF2	CSF1	CTNNB1
DDIT3	DDX10	DDX6	DEK	DUSP22	EGFR
EIF4A2	ELF4	ELL	ELN	EML4	EP300
EPOR	EPS15	ERBB2	ERG	ETS1	ETV1
ETV4	ETV5	ETV6	EWSR1	FCGR2B	FCRL4
FEV	FGFR1	FGFR1OP	FGFR2	FGFR3	FLI1
FNBP1	FOXO1	FOXO3	FOXO4	FOXP1	FSTL3
FUS	GAS7	GLI1	GMPS	GPHN	HERPUD1
HEY1	HIP1	HIST1H4I	HLF	HMGA1	HMGA2
HOXA11	HOXA13	HOXA3	HOXA9	HOXC11	HOXC13
HOXD11	HOXD13	HSP90AA1	HSP90AB1	IGH	IGK
IGL	IKZF1	IL21R	IL3	IRF4	ITK
JAK1	JAK2	JAK3	JAZF1	KAT6A (MYST3)	KDSR
KIF5B	KMT2A (MLL)	LASP1	LCP1	LMO1	LMO2
LPP	LYL1	MAF	MAFB	MALT1	MDS2
MECOM	MKL1	MLF1	MLLT1 (ENL)	MLLT10 (AF10)	MLLT3
MLLT4 (AF6)	MLLT6	MN1	MNX1	MSI2	MSN
MUC1	MYB	MYC	MYH11	MYH9	NACA
NBEAP1 (BCL8)	NCOA2	NDRG1	NF1	NF2	NFKB2
NIN	NOTCH1	NPM1	NR4A3	NSD1	NTRK1
NTRK2	NTRK3	NUMA1	NUP214	NUP98	NUTM2A
OMD	P2RY8	PAFAH1B2	PAX3	PAX5	PAX7
PBX1	PCM1	PCSK7	PDCD1LG2 (PD-L2)	PDE4DIP	PDGFB
PDGFRA	PDGFRB	PER1	PHF1	PICALM	PIM1
PLAG1	PML	POU2AF1	PPP1CB	PRDM1	PRDM16
PRRX1	PSIP1	PTCH1	PTK7	RABEP1	RAF1
RALGDS	RAP1GDS1	RARA	RBM15	RET	RHOH
RNF213	ROS1	RPL22	RPN1	RUNX1	RUNX1T1 (ETO)
RUNX2	SEC31A	SEPT5	SEPT6	SEPT9	SET

SH3GL1	SLC1A2	SNX29 (RUNDC2A)	SRSF3	SS18	SSX1
SSX2	SSX4	STAT6	STL	SYK	TAF15
TAL1	TAL2	TBL1XR1	TCF3 (E2A)	TCL1A (TCL1)	TEC
TET1	TFE3	TFG	TFPT	TFRC	TLX1
TLX3	TMPRSS2	TNFRSF11A	TOP1	TP63	TPM3
TPM4	TRIM24	TRIP11	TTL	TYK2	USP6
WHSC1 (MMSET or NSD2)	WHSC1L1	YPEL5	ZBTB16	ZMYM2	ZNF384
ZNF521					