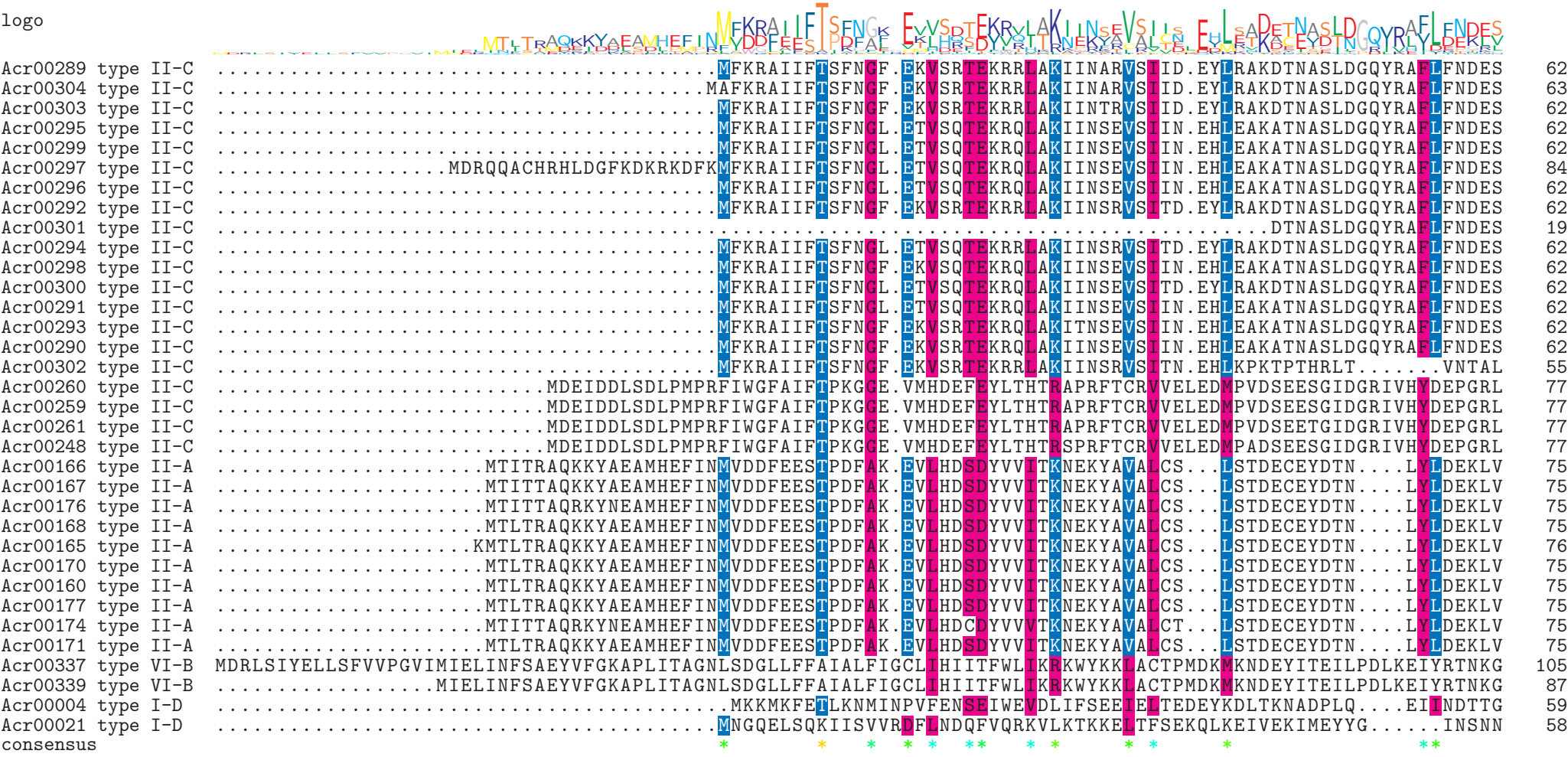


logo






Sequence logo for the 100bp upstream region of the H19 gene. The logo shows the conservation of nucleotides across 1000 samples. The x-axis represents the distance from the TSS (-100bp to 0bp). The y-axis represents the information content in bits. The sequence is color-coded: P (purple), A (pink), M (blue), T (green), E (yellow), F (orange), L (light green), A (pink), K (blue), L (light green), K (blue), A (pink), F (orange), A (pink), E (yellow), S (orange), Y (green), E (yellow), G (light green), I (blue), D (green), W (orange), A (pink), E (yellow), E (yellow), S (orange), E (yellow), Y (green), R (blue), L (light green), P (blue), N (blue), Q (blue), R (blue), D (green), F (green), L (light green), A (pink), S (orange), E (yellow), N (blue), G (light green), K (blue), E (yellow), I (blue), F (green), K (blue).

Acr00289	type II-C	PAMTEFLAKLKAF	FAESCTGIS	IDAWIEIES	EYVRLPVERRDF	LAAA.NGKEIFKI	116
Acr00304	type II-C	PAMTEFLAKLKAF	FAESCTGIS	IDAWIEIES	EYVRLPVERRDF	LAAA.NGKEIFKI	117
Acr00303	type II-C	PAMTEFLAKLKAF	FAESCTGIS	IDAWIEIES	EYVRLPVERRDF	LAAA.NGKEIFKI	116
Acr00295	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYVRLPVEQKDF	LAAA.NGKEIFKI	116
Acr00299	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYVRLPVEQKDF	LAAAANGKEIFKI	117
Acr00297	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYVRLPVEQKDF	LAAA.NGKEIFKI	138
Acr00296	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYIRLPVEQKDF	LAAA.NGKEIFKI	116
Acr00292	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYNSLPLKQKDF	LAAA.NGKEIFKI	116
Acr00301	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYNSLPLKQKDF	LAAA.NGKEIFKI	73
Acr00294	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYNSLPLKQKDF	LAAA.NGKEIFKI	116
Acr00298	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYNSLPLKQKDF	LAAA.NGKEIFKI	116
Acr00300	type II-C	PAMTEFLAKLKAF					75
Acr00291	type II-C	PAMTEFLAKLKAF	FAESCTGIS	IDAWIEIES	EYVRLPVERRDF	LAAA.NGKEIFKI	116
Acr00293	type II-C	PAMTEFLAKLKAF	FAESTAGIN	IDAWIEIES	EYVRLPVERRDF	LAAA.NGKEIFKI	116
Acr00290	type II-C	PAMTEFLAKLKAF	FAESCTGIS	IDAWIEIES	EYVRLPVERRDF	LAAA.NGKEIFKI	116
Acr00302	type II-C	SCSTTNRPR					64
Acr00260	type II-C	FYISDAGIALVN	FELFDKVPEKQKLKKICD	EAIENWMLRRDF	LDSE.EGEED		128
Acr00259	type II-C	FYISDAGIALVN	FELFDKVPEKQKLKKICD	EAIENWMLRRDF	LDSE.EGEEG		128
Acr00261	type II-C	FYISDAGIALVN	FELFDKVPEKQKLKKICD	EAIENWMLRRDF	LDSE.EGEED		128
Acr00248	type II-C	FYITDAGIALVN	FELFDNLDPDK	NKLKKVCD	EAIENWLLRRDF	LDSE.EGEED	128
Acr00166	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSELK	123
Acr00167	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSELK	123
Acr00176	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSELK	123
Acr00168	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSELN	123
Acr00165	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSELN	124
Acr00170	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSEL	122
Acr00160	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNGQEII	LKSELK	123
Acr00177	type II-A	DYSTVDVNGV	VTYYINIVETKD	IDDLEIATD	EDEMKSNDQEII	LKSELK	123
Acr00174	type II-A	DYSTVDVNGV	VTYYINIVETND	IDDLEIATD	EDEMKSNDQKII	LKSELK	123
Acr00171	type II-A	DYSTVDVNGV	VTYYINIVETKD	IDDLEIATD	EDKEKHDKQEV	IKSELN	123
Acr00337	type VI-B	ISVTENISNGSV	FDTAYYYLEAQGKISQAKNFQSIYFLFRNI	VTLSLFLVLPVSVIFLLASFFMNDCSLSEKIITITIIIGTFVLGGLSSVIAQWFRVKMTDRIFGLY			210
Acr00339	type VI-B	ISVTENISNGSV	FDTAYYYLEAQGKISQAKNFQSIYFLFRNI	VTLSLFLVLPVSVIFLLASFFMNDCSLSEKIITITIIIGTFVLGGLSSVIAQWFRVKMTDRIFGLY			192
Acr00004	type I-D	VNIYTDITYEWEE	FNNQYLELE	IDYYRQNDKIYLLLELHFWRKVKK			103
Acr00021	type I-D	INIFNDKIEFRFDY	DFTGVTFG	IYHETRYIRLFFFEKRNMLKLT	KIELEK		107
consensus		* * *		**	*	*	

logo

			YAE L THNKK	
Acr00289	type	II-C	.....	116
Acr00304	type	II-C	.....	117
Acr00303	type	II-C	.....	116
Acr00295	type	II-C	.....	116
Acr00299	type	II-C	.....	117
Acr00297	type	II-C	.....	138
Acr00296	type	II-C	.....	116
Acr00292	type	II-C	.....	116
Acr00301	type	II-C	.....	73
Acr00294	type	II-C	.....	116
Acr00298	type	II-C	.....	116
Acr00300	type	II-C	.....	75
Acr00291	type	II-C	.....	116
Acr00293	type	II-C	.....	116
Acr00290	type	II-C	.....	116
Acr00302	type	II-C	.....	64
Acr00260	type	II-C	.....	128
Acr00259	type	II-C	.....	128
Acr00261	type	II-C	.....	128
Acr00248	type	II-C	.....	128
Acr00166	type	II-A	.....	123
Acr00167	type	II-A	.....	123
Acr00176	type	II-A	.....	123
Acr00168	type	II-A	.....	123
Acr00165	type	II-A	.....	124
Acr00170	type	II-A	.....	122
Acr00160	type	II-A	.....	123
Acr00177	type	II-A	.....	123
Acr00174	type	II-A	.....	123
Acr00171	type	II-A	.....	123
Acr00337	type	VI-B	YAE L THNKK	219
Acr00339	type	VI-B	YAE L THNKK	201
Acr00004	type	I-D	.....	103
Acr00021	type	I-D	.....	107
consensus				

-  non conserved
-  similar
-  ≥ 50% conserved