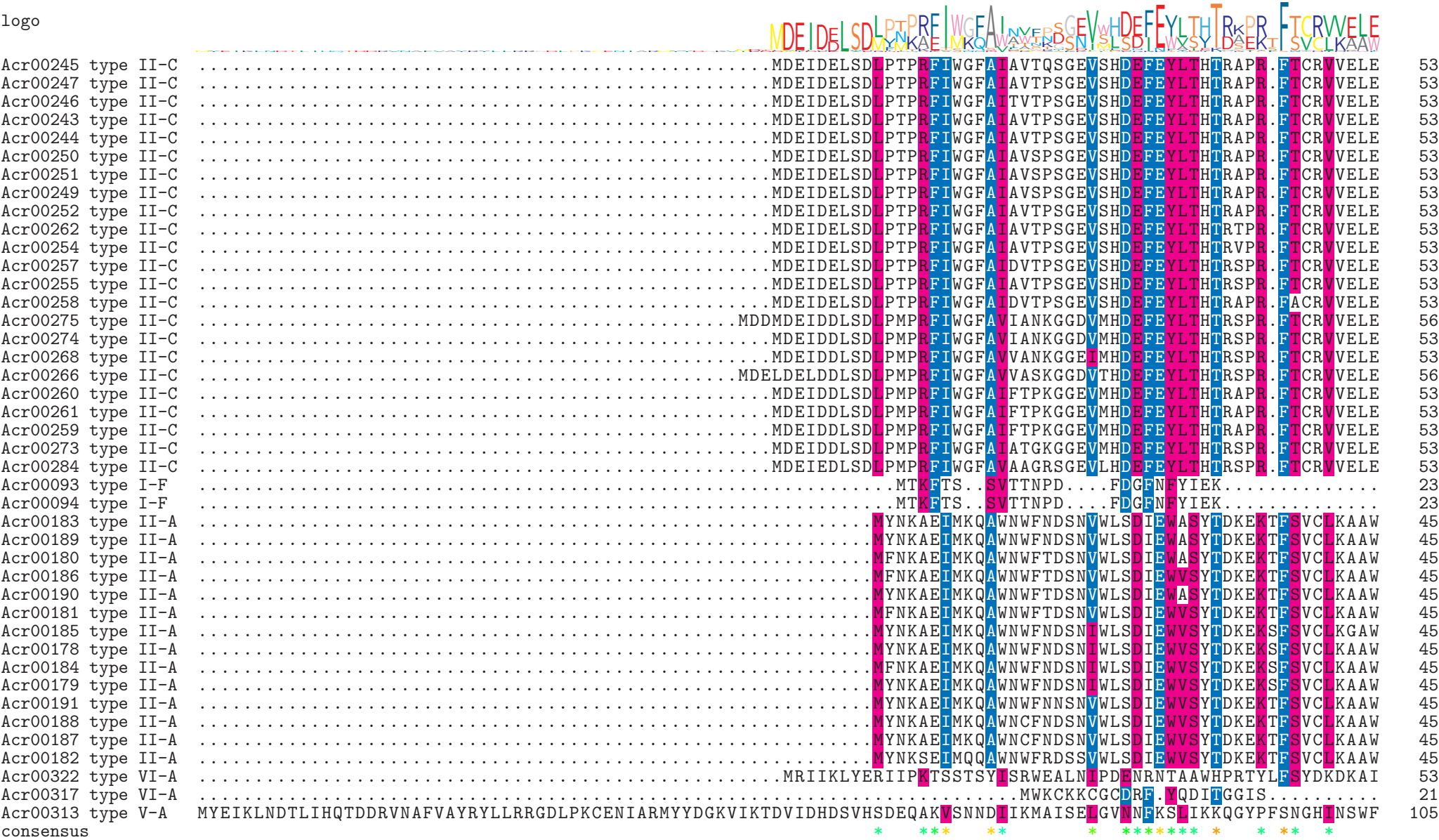


logo



Sequence logo for the 100bp upstream region of the HNF1A gene. The logo shows the conservation of nucleotides across 100 bp upstream of the TSS. The top sequence is DMDAEEEG, and the bottom sequence is SKARDEVRDR. The logo is color-coded by nucleotide: A (green), C (blue), G (red), and T (yellow). The y-axis represents the information content in bits, ranging from 0 to 4. The x-axis represents the distance from the TSS in bp, ranging from -100 to 0.

Acr00245	type II-C	DLPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRVESKAKLKKACDDAIADWLTRRDFLDSEPEDDEE.....	130
Acr00247	type II-C	DLPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRVESKAKLKKACDDAIADWLTRRDFLDSEPEDDEE.....	130
Acr00246	type II-C	DLPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRVESKAKLKKACDDAIADWLTRRDFLDSEPEDDEE.....	130
Acr00243	type II-C	DMPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRVDSKAKLKKACDDAIADWLMRRDFLDSEPEDDEE.....	130
Acr00244	type II-C	DMPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRVDSKAKLKKACDDAIADWLTRRDFLDSEPEDDEE.....	130
Acr00250	type II-C	DMPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRIDS KAKLKKACDDAIADWLTRREFLDSEPEDDEE.....	130
Acr00251	type II-C	DMPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRIDS KT KLKKACDDAIADWLTRREFLDSEPEDDEE.....	130
Acr00249	type II-C	DMPAAPEEDGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDRIDS KAKLKQACDDAIADWLTRREFLDSEPEDDEG.....	130
Acr00252	type II-C	DAPAAPEDDAG.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDKVDSKAKLKKACDEAIADWLARREFLDSEPDDEE.....	130
Acr00262	type II-C	DAPAAPEDEGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDKVDNKS KLKNACDQAIADWLTRRDFLDSEPDDDED.....	131
Acr00254	type II-C	DAPAAPEDEGD.....IDGRIVHFDNPKRMFYITDLGLALMNFTLFDKVDNKTKLKNACDQAIADWLTRREFLDSEPDDDED.....	131
Acr00257	type II-C	DMPAAPEDDGD.....IDGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNKA KLKNACDEAIADWLTRRDFLDSEEDDEE.....	129
Acr00255	type II-C	DMPAAPEDDGD.....IDGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNKA KLKNACDEAIADWLTRRDFLDSEEDDEE.....	129
Acr00258	type II-C	DMPAAPEDDGD.....IDGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNKA KLKKACDEAIADWLTRRDFLDSEEDDEE.....	129
Acr00275	type II-C	DMPADSED SG.....IDGRIVHHDDPDRMFYITDIGMALVN FQLF DKL PDKG KLKNVCDEAIANWMLRREFLDDEEDEA.....	130
Acr00274	type II-C	DMPADSED SG.....IDGRIVHHDDPDRMFYITDIGMALVN FQLF DKL PDKG KLKNVCDEAIANWMLRREFLDDEEDEA.....	127
Acr00268	type II-C	DMPADSEESG.....IDGRVVHYDEPDR LFYITDAGMALVN FQLF DKL PDKA KLKKVCDEAIANWMLRREFLDDEEDGE.....	127
Acr00266	type II-C	DMPADSEESG.....IDGRVVHYDEPDR LFYITDAGMALVN FQLF DKL PDKA KLKKVCDEAIANWMLRREFLDDEEDGE.....	130
Acr00260	type II-C	DMPVDSEESG.....IDGRIVHYDEPGRL FYIS DAGIALVN FELF DKVP EKQ KLKKICDEAIENWMLRRDFLDSEEGEED.....	128
Acr00261	type II-C	DMPVDSEETG.....IDGRIVHYDEPGRL FYIS DAGIALVN FELF DKVP EKQ KLKKICDEAIENWMLRRDFLDSEEGEED.....	128
Acr00259	type II-C	DMPVDSEESG.....IDGRIVHYDEPGRL FYIS DAGIALVN FELF DKVP EKQ KLKKICDEAIENWMLRRDFLDSEEGEED.....	128
Acr00273	type II-C	DMPTESD ESG.....IDGRIVHYDDPAR LFYITDAGMALVN FELF DKL PDRQ KLKKVCDEAIRNWMLRRDFLDSEED.....	127
Acr00284	type II-C	DVPTDNDEGG.....IDGRIVHPDDPRMFYITDAGMALVN FAMF DKM PERQ KLKQICDDAIANWMLRREFLEEGEGEDDEE.....	130
Acr00093	type I-F	.....GR... QFDAE... VYKEAYGINVP.QDIVDDL N.. LKAEQLKD... GEWIN... VQHEA.....	67
Acr00094	type I-F	.....GR... QFDAE... VYKEAYGINVP.QEVIDD L N.. LKAESLKD... GEWIN... VQHEA.....	67
Acr00183	type II-A	SKAKEEVKEVE.....KEIKHISKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHSHLFPQTAA.....	125
Acr00189	type II-A	SKAKEEVKEVE.....KEIKHISKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00180	type II-A	SKAKEEVKEVE.....KEIKHISKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00186	type II-A	SKAKEEVKEVE.....KEIKHISKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00190	type II-A	SKAKEEVKEVE.....KEIKHISKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTVA.....	125
Acr00181	type II-A	SKAKEEVKEVE.....KEIKHISKSEELKAWNWAERKLG L R FNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00185	type II-A	SKAKEEVEESK.....KESKHIAKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00178	type II-A	SKAKEEVEESK.....KESKHIAKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSLWACAMKAVKLHNLFPQTAA.....	125
Acr00184	type II-A	SKAKEEVEESK.....KESKHIAKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00179	type II-A	SKAKEEVEESK.....KESKYIAKSEELKAWNWAERKLG L R FNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00191	type II-A	SKAKEEVEESK.....EESKHIAKSEELKAWNWAERKLG L HFNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00188	type II-A	SKAKEEIEKSK.....KESKHIAKSEELKAWNWAERKLG L R FNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00187	type II-A	SKAKEEIEESK.....KESKHIAKSEELKAWNWAERKLG L R FNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00182	type II-A	SKAKEEVEESK.....KESKHIAKSEELKAWNWAESKLG L R FNISDDEKFTSVKDETkinfGLSVWACAMKAVKLHNLFPQTAA.....	125
Acr00322	type VI-A	NLYNTTNVLGNS.....GIKKRIIDYPSK.REVYIANFPRAIADLVITMKDYQLSS LHCCNDFFNEDETEQLYQYLRS IKDNRRVDEF L KYEFTVR YFN.....	147
Acr00317	type VI-A	.....EVLEM DKGGEVLDEID.DVEYGDFSCAKCDNSSSKIQEIAY..... WDEINGKNKTYLSKDK.....	77
Acr00313	type V-A	TDDPVKSKTMHNDEM YLVVQALIRACIKEIDLYTEQLYNIISKL PYDKRPNNVVYSQPLDPNNL DLSEPLWAEQVGECMR YAHNDDQPCFYIGSTKREL RVNYI.....	210
consensus		* ** **** * ** * **** *	

logo

Acr00245	type	II-C	.....	130
Acr00247	type	II-C	.....	130
Acr00246	type	II-C	.....	130
Acr00243	type	II-C	.....	130
Acr00244	type	II-C	.....	130
Acr00250	type	II-C	.....	130
Acr00251	type	II-C	.....	130
Acr00249	type	II-C	.....	130
Acr00252	type	II-C	.....	130
Acr00262	type	II-C	.....	131
Acr00254	type	II-C	.....	131
Acr00257	type	II-C	.....	129
Acr00255	type	II-C	.....	129
Acr00258	type	II-C	.....	129
Acr00275	type	II-C	.....	130
Acr00274	type	II-C	.....	127
Acr00268	type	II-C	.....	127
Acr00266	type	II-C	.....	130
Acr00260	type	II-C	.....	128
Acr00261	type	II-C	.....	128
Acr00259	type	II-C	.....	128
Acr00273	type	II-C	.....	127
Acr00284	type	II-C	.....	130
Acr00093	type	I-F	.....	67
Acr00094	type	I-F	.....	67
Acr00183	type	II-A	.....	125
Acr00189	type	II-A	.....	125
Acr00180	type	II-A	.....	125
Acr00186	type	II-A	.....	125
Acr00190	type	II-A	.....	125
Acr00181	type	II-A	.....	125
Acr00185	type	II-A	.....	125
Acr00178	type	II-A	.....	125
Acr00184	type	II-A	.....	125
Acr00179	type	II-A	.....	125
Acr00191	type	II-A	.....	125
Acr00188	type	II-A	.....	125
Acr00187	type	II-A	.....	125
Acr00182	type	II-A	.....	125
Acr00322	type	VI-A	DKKF.....	151
Acr00317	type	VI-A	.....	77
Acr00313	type	V-A	VPVIGVRDEIERVMTLEEVRNLHK	234
consensus				

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved