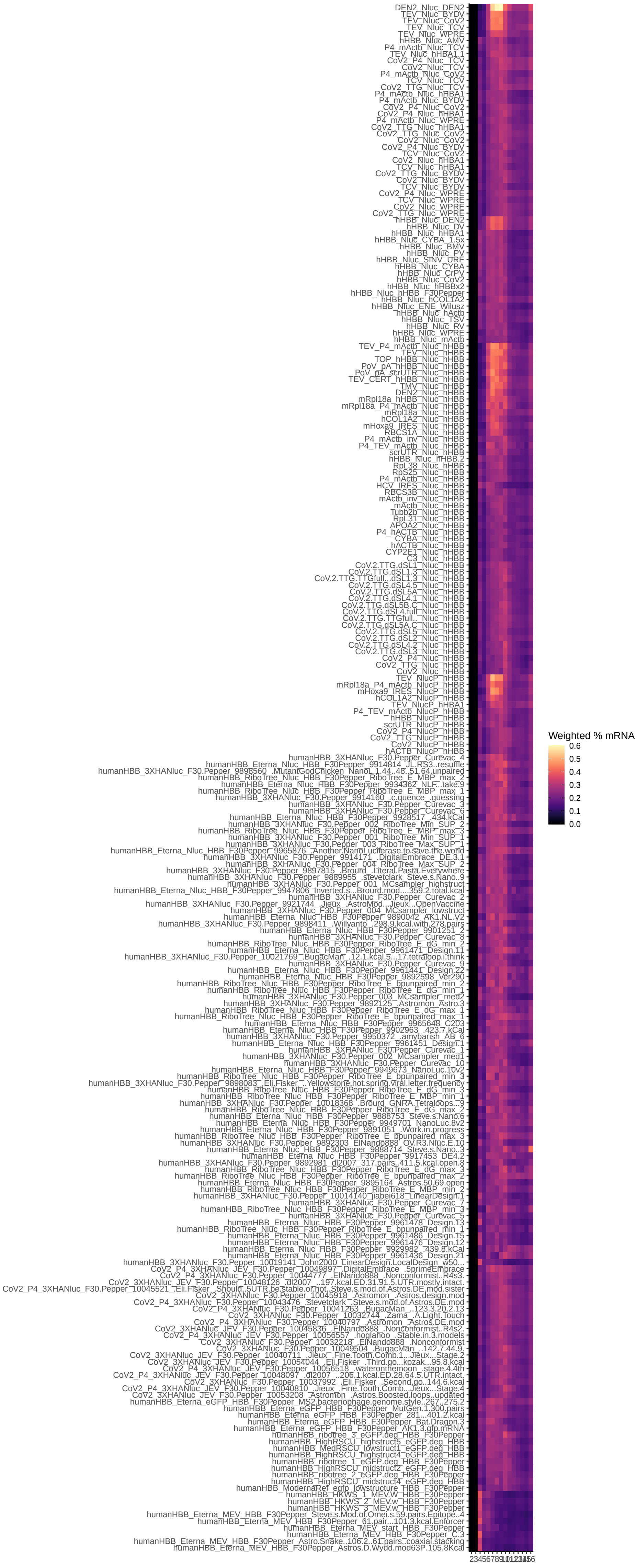
DEN2_Nluc_DEN2
TEV_Nluc_BYDV
TEV_Nluc_CoV2
TEV_Nluc_TCV
TEV_Nluc_WPRE
hHBB_Nluc_AMV
P4_mActb_Nluc_TCV
TEV_Nluc_hHBA1.1
CoV2_P4_Nluc_TCV
CoV2_Nluc_TCV
P4_mActb_Nluc_CoV2
TCV_Nluc_TCV
CoV2_TTG_Nluc_TCV
P4_mActb_Nluc_hHBA1
P4_mActb_Nluc_BYDV
CoV2_P4_Nluc_CoV2
CoV2_P4_Nluc_hHBA1
P4_mActb_Nluc_WPRE
CoV2_TTG_Nluc_hHBA1
CoV2_TTG_Nluc_CoV2
CoV2_Nluc_CoV2
CoV2_P4_Nluc_BYDV
TCV_Nluc_CoV2
CoV2_Nluc_hHBA1
TCV_Nluc_hHBA1
CoV2_TTG_Nluc_BYDV
CoV2_Nluc_BYDV
TCV_Nluc_BYDV
CoV2_P4_Nluc_WPRE
TCV_Nluc_WPRE
CoV2_Nluc_WPRE
CoV2_TTG_Nluc_WPRE
hHBB_Nluc_DEN2
hHBB_Nluc_DV
hHBB_Nluc_hHBA1
hHBB_Nluc_CYBA_1.5x
hHBB_Nluc_BMV
hHBB_Nluc_PV
hHBB_Nluc_STNV_URE
hHBB_Nluc_CYBA
hHBB_Nluc_CrPV
hHBB_Nluc_CoV2
hHBB_Nluc_hHBBx2
hHBB_Nluc_hHBB_F30Pepper
hHBB_Nluc_hCOL1A2
hHBB_Nluc_ENE_Wilusz
hHBB_Nluc_hActb
hHBB_Nluc_TSV
hHBB_Nluc_RV
hHBB_Nluc_WPRE
hHBB_Nluc_mActb
TEV_P4_mActb_Nluc_hHBB
TEV_Nluc_hHBB
TOP_hHBB_Nluc_hHBB
PoV_pA_hHBB_Nluc_hHBB
PoV_pA_scrUTR_Nluc_hHBB
TEV_CERT_hHBB_Nluc_hHBB
TMV_Nluc_hHBB
DEN2_Nluc_hHBB
mRpl18a_hHBB_Nluc_hHBB
mRpl18a_P4_mActb_Nluc_hHBB
mRpl18a_Nluc_hHBB
hCOL1A2_Nluc_hHBB
mHoxa9_IRES_Nluc_hHBB
RBCS1A_Nluc_hHBB
P4_mActb_inv_Nluc_hHBB
P4_TEV_mActb_Nluc_hHBB
scrUTR_Nluc_hHBB
hHBB_Nluc_hHBB.2
RpL38_Nluc_hHBB
RpS25_Nluc_hHBB
P4_mActb_Nluc_hHBB
HCV_IRES_Nluc_hHBB
RBCS3B_Nluc_hHBB
mActb_inv_Nluc_hHBB
_mActb_Nluc_hHBB
Tubb2b_Nluc_hHBB
RpL31_Nluc_hHBB
APOA2_Nluc_hHBB
P4_hACTB_Nluc_hHBB
CYBA_Nluc_hHBB
hACTB_Nluc_hHBB
CYP2E1_Nluc_hHBB
C3_Nluc_hHBB
CoV.2.TTG.dSL1_Nluc_hHBB
CoV.2.TTG.dSL1.3_Nluc_hHBB
CoV.2.TTG.TTGfull...dSL1.3_Nluc_hHBB
CoV.2.TTG.dSL4.5_Nluc_hHBB
CoV.2.TTG.dSL5A_Nluc_hHBB
CoV.2.TTG.dSL4.1_Nluc_hHBB
CoV.2.TTG.dSL5B.C_Nluc_hHBB
CoV.2.TTG.dSL4.full_Nluc_hHBB
CoV.2.TTG.TTGfull..._Nluc_hHBB
CoV.2.TTG.dSL5A.C_Nluc_hHBB
CoV.2.TTG.dSL5_Nluc_hHBB
CoV.2.TTG.dSL2_Nluc_hHBB
CoV.2.TTG.dSL4.2_Nluc_hHBB
CoV.2.TTG.dSL3_Nluc_hHBB
CoV2_P4_Nluc_hHBB
CoV2_TTG_Nluc_hHBB
CoV2_Nluc_hHBB
TEV_NlucP_hHBB
mRpl18a_P4_mActb_NlucP_hHBB
mHoxa9_IRES_NlucP_hHBB
hCOL1A2_NlucP_hHBB
TEV_NlucP_hHBA1
P4_TEV_mActb_NlucP_hHBB
hHBB_NlucP_hHBB
scrUTR_NlucP_hHBB
CoV2_P4_NlucP_hHBB
CoV2_TTG_NlucP_hHBB
CoV2_NlucP_hHBB
hACTB_NlucP_hHBB
humanHBB_3XHANluc_F30.Pepper_Curevac_4
humanHBB_Eterna_Nluc_HBB_F30Pepper_9914814_JL.RS3..resuffle
humanHBB_3XHANluc_F30.Pepper_9898560_.MutantGodChicken_NanoL.1.44..48..51.64.unpaired
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_MBP_max_2
humanHBB_Eterna_Nluc_HBB_F30Pepper_9934362_NLF...take.9
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_MBP_max_1
humanHBB_3XHANluc_F30.Pepper_9914160_.c.quence_.guessing
humanHBB_3XHANluc_F30.Pepper_Curevac_3
humanHBB_3XHANluc_F30.Pepper_Curevac_6
humanHBB_Eterna_Nluc_HBB_F30Pepper_9928517_.434.kCal
humanHBB_3XHANluc_F30.Pepper_002_RiboTree_Min_SUP_2
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_MBP_max_3
humanHBB_3XHANluc_F30.Pepper_001_RiboTree_Min_SUP_1
humanHBB_3XHANluc_F30.Pepper_003_RiboTree_Max_SUP_1
humanHBB_Eterna_Nluc_HBB_F30Pepper_9965876_.Another.NanoLucferase.to.save.the.world
humanHBB_3XHANluc_F30.Pepper_9914171_.DigitalEmbrace_DE.3.1
humanHBB_3XHANluc_F30.Pepper_004_RiboTree_Max_SUP_2
humanHBB_3XHANluc_F30.Pepper_9897815_.Brourd_.Literal.Pasta.Everywhere
humanHBB_3XHANluc_F30.Pepper_9889955_.stevetclark_Steve.s.Nano..9
humanHBB_3XHANluc_F30.Pepper_001_MCsampler_highstruct
humanHBB_Eterna_Nluc_HBB_F30Pepper_9947806_Inverted.s...Brourd.mod....359.2.total.kcal
humanHBB_3XHANluc_F30.Pepper_Curevac_2
humanHBB_3XHANluc_F30.Pepper_9921744_.Jieux_.AstroMod...Jieux...OpenVaccine
humanHBB_3XHANluc_F30.Pepper_004_MCsampler_lowstruct
humanHBB_Eterna_Nluc_HBB_F30Pepper_9890042_AK1.NL.V2
humanHBB_3XHANluc_F30.Pepper_9898411_.Willyanto_.298.9.kcal.with.278.pairs
humanHBB_Eterna_Nluc_HBB_F30Pepper_9901251_2
humanHBB_3XHANluc_F30.Pepper_Curevac_8
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_dG_min_2
humanHBB_Eterna_Nluc_HBB_F30Pepper_9961471_Design.11
humanHBB_3XHANluc_F30.Pepper_10021769_.BugacMan_.12.1.kcal.5...17.tetraloop.i.think
humanHBB_3XHANluc_F30.Pepper_Curevac_9
humanHBB_Eterna_Nluc_HBB_F30Pepper_9961441_Design.22
humanHBB_Eterna_Nluc_HBB_F30Pepper_9892598_Ver290
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_bpunpaired_min_2
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_dG_min_1
humanHBB_3XHANluc_F30.Pepper_003_MCsampler_med2
humanHBB_3XHANluc_F30.Pepper_9892125_.Astromon_Astro.3
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_dG_max_1
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_bpunpaired_max_1
humanHBB_Eterna_Nluc_HBB_F30Pepper_9965648_C203
humanHBB_Eterna_Nluc_HBB_F30Pepper_9902963_.423.7.kCal
humanHBB_3XHANluc_F30.Pepper_9950372_.amybarish_AB_6
humanHBB_Eterna_Nluc_HBB_F30Pepper_9961451_Design.1
humanHBB_3XHANluc_F30.Pepper_Curevac_1
humanHBB_3XHANluc_F30.Pepper_002_MCsampler_med1
humanHBB_3XHANluc_F30.Pepper_Curevac_10
humanHBB_Eterna_Nluc_HBB_F30Pepper_9949673_NanoLuc.10v2
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_bpunpaired_min_3
humanHBB_3XHANluc_F30.Pepper_9898083_.Eli.Fisker_..Yellowstone.hot.spring.viral.letter.frequency
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_dG_min_3
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_MBP_min_1
humanHBB_3XHANluc_F30.Pepper_10018368_.Brourd_GNRA.Tetraloops...9
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_dG_max_2
humanHBB_Eterna_Nluc_HBB_F30Pepper_9888753_Steve.s.Nano.6
humanHBB_Eterna_Nluc_HBB_F30Pepper_9949701_NanoLuc.8v2
humanHBB_Eterna_Nluc_HBB_F30Pepper_9891051_.Work.in.progress
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_bpunpaired_max_3
humanHBB_3XHANluc_F30.Pepper_9892303_ElNando888_OV.R3.Nluc.E.10
humanHBB_Eterna_Nluc_HBB_F30Pepper_9888714_Steve.s.Nano..3
humanHBB_Eterna_Nluc_HBB_F30Pepper_9917453_DE4.2
humanHBB_3XHANluc_F30.Pepper_9892981_dl2007_317.pairs..411.5.kcal.open.8
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_dG_max_3
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_bpunpaired_max_2
humanHBB_Eterna_Nluc_HBB_F30Pepper_9895164_Astros.50.69.open
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_MBP_min_2
humanHBB_3XHANluc_F30.Pepper_10014140_jiabei618_LinearDesign.1
humanHBB_3XHANluc_F30.Pepper_Curevac_7
humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_MBP_min_3
humanHBB_3XHANluc_F30.Pepper_Curevac_5
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humanHBB_RiboTree_Nluc_HBB_F30Pepper_RiboTree_E_bpunpaired_min_1
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humanHBB_Eterna_Nluc_HBB_F30Pepper_9961476_Design.12
humanHBB_Eterna_Nluc_HBB_F30Pepper_9929982_.439.8.kCal
humanHBB_Eterna_Nluc_HBB_F30Pepper_9961436_Design.21
humanHBB_3XHANluc_F30.Pepper_10019141_John2000_LinearDesign.LocalDesign_w50...
CoV2_P4_3XHANluc_JEV_F30.Pepper_10049897_.DigitalEmbrace_.5primeEmbrace
CoV2_P4_3XHANluc_F30.Pepper_10044777_.ElNando888_.Nonconformist..R4s3.
CoV2_3XHANluc_JEV_F30.Pepper_10048126_.dl2007_..197.kcal.ED.31.91.5.UTR.mostly.intact.
CoV2_P4_3XHANluc_F30.Pepper_10045521_.Eli.Fisker_.Should..5UTR.be.stable.or.not..Steve.s.mod.of.Astros.DE.mod.sister
CoV2_3XHANluc_F30.Pepper_10045918_.Astromon_.Astros.design.mod
CoV2_P4_3XHANluc_F30.Pepper_10043476_.stevetclark_.Steve.s.mod.of.Astros.DE.mod
CoV2_P4_3XHANluc_F30.Pepper_10041263_.BugacMan_..123.3.20.2.13
CoV2_3XHANluc_F30.Pepper_10032744_.Zama_.A.Light.Touch
CoV2_P4_3XHANluc_F30.Pepper_10040797_.Astromon_.Astros.DE.mod
CoV2_3XHANluc_JEV_F30.Pepper_10045836_.ElNando888_.Nonconformist..R4s2.
CoV2_P4_3XHANluc_JEV_F30.Pepper_10056557_.hoglahoo_.Stable.in.3.models
CoV2_3XHANluc_F30.Pepper_10032218_.ElNando888_.Nonconformist
CoV2_3XHANluc_F30.Pepper_10049504_.BugacMan_..142.7.44.9.
CoV2_3XHANluc_JEV_F30.Pepper_10040711_.Jieux_.Fine.Tooth.Comb.1...Jieux...Stage.2
CoV2_3XHANluc_JEV_F30.Pepper_10054044_.Eli.Fisker_.Third.go...kozak...95.8.kcal
CoV2_P4_3XHANluc_JEV_F30.Pepper_10056518_.waterontheMoon_.stage.4.4th
CoV2_P4_3XHANluc_JEV_F30.Pepper_10048097_.dl2007_..206.1.kcal.ED.28.64.5.UTR.intact.
CoV2_3XHANluc_F30.Pepper_10037992_.Eli.Fisker_.Second.go..144.6.kcal
CoV2_P4_3XHANluc_JEV_F30.Pepper_10040810_.Jieux_.Fine.Tooth.Comb...Jieux...Stage.4
CoV2_3XHANluc_JEV_F30.Pepper_10053208_.Astromon_.Astros.Boosted.loops..updated
humanHBB_Eterna_eGFP_HBB_F30Pepper_MS2.bacteriophage.genome.style..267..275.2
humanHBB_Eterna_eGFP_HBB_F30Pepper_MutGen.1.300.pairs
humanHBB_Eterna_eGFP_HBB_F30Pepper_281...401.2.kcal
humanHBB_Eterna_eGFP_HBB_F30Pepper_Bat.Dragon.3
humanHBB_Eterna_eGFP_HBB_F30Pepper_AK1.3.gfp.mRNA
humanHBB_ribotree_3_eGFP.deg_HBB_F30Pepper
humanHBB_HighRSCU_highstruct5_eGFP.deg_HBB
humanHBB_MedRSCU_lowstruct1_eGFP.deg_HBB
humanHBB_HighRSCU_highstruct4_eGFP.deg_HBB
humanHBB_ribotree_1_eGFP.deg_HBB_F30Pepper
humanHBB_HighRSCU_midstruct2_eGFP.deg_HBB
humanHBB_ribotree_2_eGFP.deg_HBB_F30Pepper
humanHBB_HighRSCU_midstruct4_eGFP.deg_HBB
humanHBB_ModernaRef_egfp_lowstructure_HBB_F30Pepper
humanHBB_HKWS_1_MEV.W_HBB_F30Pepper
humanHBB_HKWS_2_MEV.w_HBB_F30Pepper
humanHBB_HKWS_3_MEV.w_HBB_F30Pepper
humanHBB_Eterna_MEV_HBB_F30Pepper_Steve.s.Mod.of.Omei.s.59.pairs.Epitope..4
humanHBB_Eterna_MEV_HBB_F30Pepper_61.pair...101.3.kcal.Enforcer
humanHBB_Eterna_MEV_start_HBB_F30Pepper
humanHBB_Eterna_MEV_HBB_F30Pepper_C.3
humanHBB_Eterna_MEV_HBB_F30Pepper_Astro.Snake..106.2..61.pairs..coaxial.stacking
humanHBB_Eterna_MEV_HBB_F30Pepper_Astros.D.Wydd.mod63P.105.8Kcal
Weighted % mRNA
0.6
0.5
0.4
0.3
0.2
0.1
0.0
2345678910111213141516