

Supporting Material for the Article: Succinct Amyloid and Non-Amyloid Patterns in Hexapeptides

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Table S1: Amyloid patterns in hexapeptides

In the table we list all the existing minimal patterns of amyloid-forming hexapeptides, computed from the SVM model of the Budapest Amyloid Predictor. Each pattern in the Table contains two free “x” positions, where any amino acids can be substituted, and the resulting hexapeptide is predicted to be amyloidogenic. Since the two free positions can be substituted $20 \times 20 = 400$ ways, each of the 5531 patterns in the Table describes 400 hexapeptides succinctly.

0	1	2	3	4	5	6	7	8	9
VIIVxx	VIIIxx	VIILxx	VIIFxx	VIIcxx	VIIWxx	VIIYxx	VIIImxx	VIIAxx	VIVVxx
VIVIxx	VIVLxx	VIVFxx	VIVcxx	VIVWxx	VIVYxx	VIVFxx	VIFIxx	VICVxx	VICLxx
VILVxx	VILLxx	VIMVxx	VFIVxx	VFILxx	VFILxx	VFIFxx	VFICxx	VFIWxx	VFIYxx
VFIMxx	VFVVxx	VFVLxx	VFVLxx	VFVFxx	VFVCxx	VFFVxx	VFFIxx	VFCVxx	VFLVxx
VYIVxx	VYIIxx	VYILxx	VYIFxx	VYICxx	VYIWxx	VYIYxx	VYIMxx	VYVVxx	VYVIxx
VYVLxx	VYVFxx	VYVCxx	VYFVxx	VYFIxx	VYCVxx	VYLVxx	VVIVxx	VVILxx	VVILxx
VVIFxx	VVICxx	VVIWxx	VVIYxx	VVVVxx	VVVIxx	VVVLxx	VVVFxx	VVFXxx	VVCVxx
VVLVxx	VWIVxx	VWILxx	VWILxx	VWIFxx	VWICxx	VWIVxx	VWYVxx	VWVVxx	VWVx
VWVLxx	VLIVxx	VLIIxx	VLILxx	VLIFxx	VLICxx	VLVVxx	VLVIxx	VLVLxx	VCIVxx
VCIIxx	VCILxx	VCVVxx	VCVIxx	VCVLxx	VMIVxx	VMIx	VMLx	VMVVxx	VMVIxx
VHIVxx	VHIIxx	VHILxx	VHVVxx	VHVIxx	VQIVxx	VQIIxx	VQVVxx	VAIVxx	VAILxx
VTIVxx	VTIIxx	VNIVxx	VSIVxx	VGIVxx	IIIVxx	IIIIxx	IIILxx	IIIFxx	IIICxx
IIIVxx	IIIVxx	IIIMxx	IIIAxx	IIVVxx	IIVLxx	IIVLxx	IIVFxx	IIVCxx	IIVWxx
IIVYxx	IIFVxx	IIFLxx	IICVxx	IICIxx	IILVxx	IILx	IIMVxx	IFIVxx	IFIIxx
IFILxx	IFIFxx	IFICxx	IFIWxx	IFIYxx	IFIMxx	IFVVxx	IFVIxx	IFVLxx	IFVFxx
IFFVxx	IFCVxx	IFLVxx	IYIVxx	IYILxx	IYILxx	IYIFxx	IYICxx	IYIWxx	IYIYxx
IYIMxx	IYVVxx	IYVLxx	IYVLxx	IYVFxx	IYFVxx	IYCVxx	IYLVxx	IVIVxx	IVIIxx
IVILxx	IVIFxx	IVICxx	IVIWxx	IVIYxx	IVVVxx	IVVIxx	IVVLxx	IVFVxx	IVCVxx
IWIVxx	IWILxx	IWILxx	IWIFxx	IWICxx	IWVVxx	IWVIxx	IWVLxx	ILIVxx	ILIIxx
ILILxx	ILIFxx	ILVVxx	ILVIxx	ILVLxx	ICIVxx	ICIIxx	ICILxx	ICVx	ICVIxx
IMIVxx	IMIIxx	IMILxx	IMVVxx	IHIVxx	IHIx	IHILxx	IHVx	IQIVxx	IQIIxx
IQVVxx	IAIVxx	ITIVxx	INIVxx	ISIVxx	CIIVxx	CIIIxx	CIILxx	CIIFxx	CIICxx

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VxVCCx	VxVCYx	VxVCMx	VxVCVx	VxVCLx	VxVVIx	VxVWx	VxVWFx	VxVVCx	VxVVYx
VxVVMx	VxVWVx	VxVWLx	VxVYIx	VxVYVx	VxVYFx	VxVYCx	VxVYYx	VxVYMx	VxVYVx
VxVYLx	VxVMIx	VxVMWx	VxVMFx	VxVMCx	VxVMYx	VxVMMx	VxVMVx	VxVMLx	VxVAIx
VxVAWx	VxVAFx	VxVACx	VxVAYx	VxVTIx	VxFVIx	VxFVWx	VxFVFx	VxFVCx	VxFVYx
VxFVMx	VxFVx	VxFLx	VxFVGx	VxFIIX	VxFIWx	VxFIFx	VxFICx	VxFIYx	VxFIMx
VxFIVx	VxFILx	VxFILx	VxFLWx	VxFLFx	VxFLCx	VxFLYx	VxFLMx	VxFLVx	VxFFIx
VxFFWx	VxFFFx	VxFCIx	VxFCWx	VxFWx	VxFWx	VxFYIx	VxFYWx	VxFMIx	VxCVIx
VxCVWx	VxCVFx	VxCVCx	VxCVYx	VxCVMx	VxCVVx	VxCVLx	VxCVGx	VxCIIx	VxCIVx
VxCIFx	VxCICx	VxCIXx	VxCIMx	VxCIVx	VxCILx	VxCILx	VxCLWx	VxCLFx	VxCLCx
VxCLYx	VxCLMx	VxCLVx	VxCFIx	VxCFWx	VxCCIx	VxCCWx	VxCWIx	VxCYIx	VxLVIx
VxLVWx	VxLVFx	VxLVCx	VxLVYx	VxLVMx	VxLVVx	VxLVLx	VxLIIx	VxLIWx	VxLIFx
VxLICx	VxLIYx	VxLIMx	VxLIVx	VxLILx	VxLLIx	VxLLWx	VxLLFx	VxLLCx	VxLLYx
VxLFIx	VxLFWx	VxLCIx	VxLWIx	VxLYIx	VxMVIx	VxMVWx	VxMVFx	VxMVCx	VxMVYx
VxMVMx	VxMVVx	VxMVLx	VxMIIX	VxMIWx	VxMIFx	VxMICx	VxMIYx	VxMIMx	VxMIVx
VxMLIx	VxMLWx	VxMLFx	VxMFIx	VxWVIx	VxWVWx	VxWVFx	VxWVCx	VxWVYx	VxWIIx
VxWIWx	VxWLIx	VxYVIx	VxYVWx	VxYVFx	VxYIIX	IxIVIx	IxIVWx	IxIVFx	IxIVCx
IxIVYx	IxIVMx	IxIVVx	IxIVLx	IxIVGx	IxIVHx	IxIVTx	IxIVPx	IxIVAx	IxIVNx
IxIVQx	IxIVSx	IxIIX	IxIIXx	IxIIFx	IxIICx	IxIIXx	IxIIMx	IxIIVx	IxIILx
IxIIGx	IxIIHx	IxIITx	IxIIPx	IxIIAx	IxIINx	IxILIx	IxILWx	IxILFx	IxILCx
IxILYx	IxILMx	IxILVx	IxILLx	IxILGx	IxILHx	IxILTx	IxILPx	IxILAx	IxILNx
IxIFCx	IxIFYx	IxIFMx	IxIFVx	IxIFLx	IxIFGx	IxICIx	IxICWx	IxICFx	IxICCx
IxICYx	IxICMx	IxICVx	IxICLx	IxICGx	IxIWIx	IxIWXx	IxIWFx	IxIWCx	IxIWXx
IxIWMx	IxIWXx	IxIWLx	IxIWGx	IxIYIx	IxIYFx	IxIYCx	IxIYVx	IxIYAx	IxIYNx
IxIYVx	IxIYLx	IxIYGx	IxIMIx	IxIMWx	IxIMFx	IxIMCx	IxIMYx	IxIMMx	IxIMVx
IxIMLx	IxIAIx	IxIAWx	IxIAFx	IxIACx	IxIAXx	IxIAMx	IxIAVx	IxIALx	IxITIx
IxITWx	IxITFx	IxINIx	IxIHx	IxIELx	IxISIx	IxVVIx	IxVWx	IxVVFx	IxVVCx
IxVVYx	IxVVMx	IxVVVx	IxVVLx	IxVVGx	IxVVHx	IxVVTx	IxVVPx	IxVVAx	IxVIIx
IxVIWx	IxVIFx	IxVICx	IxVIYx	IxVIMx	IxVIVx	IxVILx	IxVIGx	IxVIHx	IxVITx
IxVLIx	IxVLWx	IxVLFx	IxVLCx	IxVLYx	IxVLMx	IxVLVx	IxVLLx	IxVLGx	IxVLHx
IxVFIx	IxVFXx	IxVFFx	IxVFCx	IxVFXx	IxVFMx	IxVFXx	IxVFLx	IxVCIx	IxVWCx
IxVCFx	IxVCCx	IxVCYx	IxVCMx	IxVCVx	IxVCLx	IxVVIx	IxVWx	IxVWFx	IxVWCx
IxVWYx	IxVWMx	IxVWVx	IxVWLx	IxVYIx	IxVYFx	IxVYCx	IxVYVx	IxVYAx	IxVYNx
IxVYVx	IxVYLx	IxVMIx	IxVMWx	IxVMFx	IxVMCx	IxVMYx	IxVMMx	IxVMVx	IxVAIx
IxVAWx	IxVAFx	IxVTIx	IxFVIx	IxFVWx	IxFVFx	IxFVCx	IxFVYx	IxFVMx	IxFVVx
IxFVLx	IxFVx	IxFILx	IxFIIX	IxFIWx	IxFIFx	IxFICx	IxFIYx	IxFIMx	IxFILx
IxFLIx	IxFLWx	IxFLFx	IxFLCx	IxFLYx	IxFLMx	IxFLVx	IxFFIx	IxFFWx	IxFCIx
IxFCWx	IxFWx	IxFYIx	IxFMIx	IxCVIx	IxCVWx	IxCVFx	IxCVCx	IxCVYx	IxCVMx
IxCVWx	IxCVLx	IxCIIx	IxCIXx	IxCIFx	IxCICx	IxCIXx	IxCIMx	IxCIVx	IxCILx
IxCLIx	IxCLWx	IxCLFx	IxCLCx	IxCLYx	IxCFIx	IxCFWx	IxCCIx	IxCWIX	IxCYIx
IxLVIx	IxLVWx	IxLVFx	IxLVCx	IxLVYx	IxLVMx	IxLVVx	IxLVLx	IxLIIx	IxLWIX
IxLFIx	IxLFXx	IxLIXx	IxLIMx	IxLIVx	IxLILx	IxLLIx	IxLLWx	IxLLFx	IxLLCx
IxLFIx	IxLCIx	IxLWIX	IxLYIx	IxMVIx	IxMVWx	IxMVFx	IxMVCx	IxMVYx	IxMVMx
IxMVIx	IxMVLx	IxMIIx	IxMIIX	IxMIFx	IxMICx	IxMIYx	IxMLIx	IxMLWx	IxMVIx
IxMVMx	IxMVFx	IxWIIx	IxWIIX	IxYVIx	IxYVWx	IxYVx	CxIVIx	CxIVWx	CxIVFx
CxIVCx	CxIVYx	CxIVMx	CxIVVx	CxIVLx	CxIVGx	CxIVHx	CxIVTx	CxIVPx	CxIVAx
CxIVNx	CxIVQx	CxIVSx	CxIIIx	CxIIXx	CxIIFx	CxIICx	CxIIXx	CxIIMx	CxIIVx
CxIILx	CxIIGx	CxIIHx	CxIITx	CxIIPx	CxIIAx	CxILIx	CxILWx	CxILFx	CxILCx
CxILYx	CxILMx	CxILVx	CxILLx	CxILGx	CxILHx	CxIFIx	CxIFWx	CxIFFx	CxIFCx
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CxICMx	CxICVx	CxICLx	CxICGx	CxIWIx	CxIWXx	CxIWFx	CxIWCx	CxIWXx	CxIWMx
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CxIMIx	CxIMWx	CxIMFx	CxIMCx	CxIMYx	CxIMMx	CxIMVx	CxIMLx	CxIAIx	CxIAWx
CxIAFx	CxIACx	CxIAXx	CxIAMx	CxIAVx	CxITIx	CxINIx	CxVVIx	CxVVWx	CxVVFx
CxVVCx	CxVVYx	CxVVMx	CxVVVx	CxVVLx	CxVVGx	CxVVHx	CxVVTx	CxVVPx	CxVIIx
CxVIWx	CxVIFx	CxVICx	CxVIYx	CxVIMx	CxVIVx	CxVILx	CxVIGx	CxVIHx	CxVITx
CxVLWx	CxVLFx	CxVLCx	CxVLYx	CxVLMx	CxVLVx	CxVLLx	CxVLGx	CxVFIx	CxVFWx
CxVFFx	CxVFCx	CxVFXx	CxVFMx	CxVFXx	CxVFLx	CxVCIx	CxVCWx	CxVCFx	CxVCCx
CxVCYx	CxVCMx	CxVCVx	CxVCLx	CxVWLx	CxVWx	CxVWFx	CxVWCx	CxVWYx	CxVWMx
CxVWVx	CxVWLx	CxVYIx	CxVYVx	CxVYFx	CxVYCx	CxVYVx	CxVYMx	CxVYVx	CxVMIx
CxVMWx	CxVMFx	CxVMCx	CxVMYx	CxVALx	CxVAWx	CxVAFx	CxFVIX	CxFVMx	CxFVFx
CxFVCx	CxFVx	CxFILx	CxFIIX	CxFIWx	CxFIFx	CxFICx	CxFIYx	CxFIMx	CxFILx
CxFIMx	CxFIVx	CxFILx	CxFIIX	CxFIIX	CxFIIX	CxFIIX	CxFFIx	CxFFIx	CxFIIX
CxFYIx	CxCVIx	CxCVWx	CxCVFx	CxCVCx	CxCVYx	CxCVMx	CxCVVx	CxCVLx	CxCIIx
CxCIVx	CxCIFx	CxCICx	CxCIXx	CxCIMx	CxCIVx	CxCILx	CxCILx	CxCILx	CxCIFx
CxCCIx	CxLVIx	CxLVWx	CxLVFx	CxLVCx	CxLVYx	CxLVMx	CxLVVx	CxLVLx	CxLIIx
CxLFIx	CxLIFx	CxLICx	CxLIYx	CxLIMx	CxLIVx	CxLLIx	CxLLWx	CxLLFx	CxLFIx
CxMVIx	CxMVWx	CxMVFx	CxMVCx	CxMVYx	CxMVMx	CxMVVx	CxMVIx	CxMIFx	CxMIFx
CxMLIx	CxWVIx	CxWVWx	CxWVFx	CxWIIx	CxYVIx	LxIVIx	LxIVWx	LxIVFx	LxIVCx

LxIVYx	LxIVMx	LxIVVx	LxIVLx	LxIVGx	LxIVHx	LxIVTx	LxIVPx	LxIVAx	LxIVNx
LxIVQx	LxIIIx	LxIIXx	LxIIFx	LxIICx	LxIIXx	LxIIMx	LxIIVx	LxIILx	LxIIGx
LxIIHx	LxIITx	LxIIPx	LxIIAx	LxIILx	LxILWx	LxILFx	LxILCx	LxILYx	LxILMx
LxILVx	LxILLx	LxILGx	LxILHx	LxIFIx	LxIFWx	LxIFFx	LxIFCx	LxIFYx	LxIFMx
LxIFVx	LxIFLx	LxIFGx	LxICIx	LxICWx	LxICFx	LxICCx	LxICYx	LxICMx	LxICVx
LxICLx	LxIWLx	LxIWWx	LxIWFx	LxIWCx	LxIWyx	LxIWMx	LxIWXx	LxIWLx	LxIYIx
LxIYWx	LxIYFx	LxIYCx	LxIYYx	LxIYMx	LxIYVx	LxIYLx	LxIMIx	LxIMWx	LxIMFx
LxIMCx	LxIMYx	LxIMMx	LxIMVx	LxIMLx	LxIAIx	LxIAWx	LxIAFx	LxIACx	LxIAYx
LxIAMx	LxIAVx	LxITIx	LxINIx	LxVVIx	LxVVWx	LxVVFx	LxVVCx	LxVVYx	LxVVMx
LxVVVx	LxVVLx	LxVVGx	LxVVHx	LxVVTx	LxVIIx	LxVIWx	LxVIFx	LxVICx	LxVIYx
LxVIMx	LxVILx	LxVIGx	LxVIHx	LxVLIx	LxVLIx	LxVLWx	LxVLFx	LxVLCx	LxVLYx
LxVLMx	LxVLVx	LxVLLx	LxVLGx	LxVFLx	LxVFWx	LxVFFx	LxVFCx	LxVFXx	LxVFMx
LxVFXx	LxVFLx	LxVCIx	LxVCWx	LxVCFx	LxVCCx	LxVCYx	LxVCMx	LxVCVx	LxVCLx
LxVWXx	LxVWWx	LxVWFx	LxVWCx	LxVWYx	LxVWMx	LxVWVx	LxVYIx	LxVYVx	LxVYFx
LxVYCx	LxVYYx	LxVYMx	LxVYVx	LxVMLx	LxVMWx	LxVMFx	LxVMCx	LxVAIx	LxVAWx
LxFVIX	LxFVWx	LxFVFX	LxFVCx	LxFVYx	LxFVMx	LxFVVx	LxFVLx	LxFIIX	LxFIWX
LxFIFx	LxFICx	LxFIYx	LxFIMx	LxFIVx	LxFILx	LxFILx	LxFILx	LxFILx	LxFIIX
LxFCLx	LxFWLx	LxFYIx	LxCVIX	LxCVWx	LxCVFX	LxCVCx	LxCVYx	LxCVMx	LxCVVx
LxCVLx	LxCIIx	LxCIWx	LxCIFx	LxCICx	LxCIYx	LxCIMx	LxCIVx	LxCLIX	LxCLWX
LxCLFx	LxCFIx	LxCCIx	LxLVIx	LxLVWx	LxLVFx	LxLVCx	LxLVYx	LxLVMx	LxLVVx
LxLVLx	LxLIIx	LxLIWx	LxLIFx	LxLICx	LxLIYx	LxLIMx	LxLIVx	LxLLIX	LxLLWX
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LxMIFx	LxMIFx	LxMLIX	LxWVIx	LxWVWx	LxWVIX	LxVYIx	FxIVIX	FxIVVx	FxIVFx
FxIVCx	FxIVYx	FxIVMx	FxIVVx	FxIVLx	FxIVGx	FxIVHx	FxIVTx	FxIVPx	FxIVAx
FxIIIX	FxIIWx	FxIIFx	FxIICx	FxIIYx	FxIIMx	FxIIVx	FxIILx	FxIIGx	FxIIHx
FxIITx	FxILLx	FxILLx	FxILFx	FxILCx	FxILYx	FxILMx	FxILLx	FxILLx	FxILGx
FxIFLx	FxIFWx	FxIFFx	FxIFCx	FxIFYx	FxIFMx	FxIFVx	FxIFLx	FxICIX	FxICWx
FxICFx	FxICCx	FxICYx	FxICMx	FxICVx	FxICLx	FxIWIx	FxIWXx	FxIWFx	FxIWCx
FxIYVx	FxIWMx	FxIWXx	FxIWLx	FxIYIx	FxIYWx	FxIYFx	FxIYCx	FxIYYx	FxIYMx
FxIAWx	FxIAFx	FxIITx	FxVVIx	FxVWx	FxVVFx	FxVVCx	FxVVYx	FxVVMx	FxVVVx
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FxVCCx	FxVCYx	FxVCMx	FxVVCx	FxVWLx	FxVWVx	FxVWFx	FxVWCx	FxVYIx	FxVYVx
FxVYCx	FxVYFx	FxVYMx	FxVYVx	FxVMLx	FxVMWx	FxVMFx	FxVAIx	FxFVIX	FxFVWX
FxVFXx	FxVFCx	FxFVYx	FxFVMx	FxFVWx	FxFVLx	FxFIIX	FxFIWX	FxFIFx	FxFICx
FxFIYx	FxFIMx	FxFIVx	FxFILx	FxFILx	FxFILx	FxFIIX	FxCVIX	FxCVFX	FxCVFX
FxCVCx	FxCVYx	FxCVMx	FxCVVx	FxCVLx	FxCIIx	FxCIWx	FxCIFx	FxCICx	FxCLIX
FxCLWx	FxLVIx	FxLVWx	FxLVFx	FxLVCx	FxLVYx	FxLVMx	FxLVVx	FxLIIx	FxLIWX
FxLLIx	FxLLIx	FxMVIx	FxMVWx	FxMVFx	FxMVCx	FxMIWx	FxMWIx	FxMVIx	FxMIIx
MxIVFx	MxIVCx	MxIVYx	MxIVMx	MxIVVx	MxIVLx	MxIVGx	MxIVHx	MxIVTx	MxIIXx
MxIIWx	MxIIFx	MxIICx	MxIIYx	MxIIMx	MxIIVx	MxIILx	MxIIGx	MxIIHx	MxIIXx
MxILWx	MxILFx	MxILCx	MxILYx	MxILMx	MxILVx	MxILLx	MxILGx	MxIFIx	MxIFWx
MxIFFx	MxIFCx	MxIFYx	MxIFMx	MxIFVx	MxIFLx	MxICIX	MxICWx	MxICFx	MxICCx
MxICYx	MxICMx	MxICVx	MxICLx	MxIWIx	MxIWXx	MxIWFx	MxIWCx	MxIYIx	MxIWMx
MxIWXx	MxIYIx	MxIYWx	MxIYFx	MxIYCx	MxIYYx	MxIYMx	MxIYVx	MxIMIx	MxIMWx
MxIMFx	MxIAIx	MxIAWx	MxVVIx	MxVWx	MxVVFx	MxVVCx	MxVVYx	MxVVMx	MxVVVx
MxVVLx	MxVVGx	MxVWHx	MxVIIx	MxVIWx	MxVIFx	MxVICx	MxVIYx	MxVIMx	MxVIVx
MxVILx	MxVIGx	MxVLIx	MxVLWx	MxVLFx	MxVLCx	MxVLYx	MxVLMx	MxVLVx	MxVLLx
MxVFLx	MxVFWx	MxVFFx	MxVFCx	MxVCLx	MxVCMx	MxVCFx	MxVWLx	MxVWVx	MxVWFx
MxVYIx	MxVYWx	MxVYFx	MxVMIx	MxFVIX	MxFVWx	MxFVFX	MxFVIX	MxFVYx	MxFVMx
MxFVXx	MxFIIX	MxFIWX	MxFIFx	MxFILx	MxCVIX	MxCVWx	MxCVFX	MxCVCx	MxCVYx
MxCIIX	MxCIWx	MxCIFx	MxCLIX	MxLVIx	MxLVWx	MxLVFx	MxLVCx	MxLIIx	MxLIWX
MxLLIx	MxMVIx	MxMVWx	MxMIFx	MxWVIx	MxWVWx	MxWVIX	MxWVIX	MxIVFx	MxIVYx
WxIVMx	WxIVVx	WxIVLx	WxIVGx	WxIVHx	WxIVTx	WxIIIX	WxIIWx	WxIIFx	WxIICx
WxIIXx	WxIIMx	WxIIVx	WxIILx	WxIIGx	WxIIHx	WxILIX	WxILWx	WxILFx	WxILCx
WxILYx	WxILLx	WxILVx	WxILLx	WxILGx	WxIFIx	WxIFWx	WxIFFx	WxIFCx	WxIFYx
WxIFMx	WxIFVx	WxIFLx	WxICIX	WxICWx	WxICFx	WxICCx	WxICYx	WxICMx	WxICVx
WxICLx	WxIWLx	WxIWWx	WxIWFx	WxIWCx	WxIYIx	WxIWMx	WxIWXx	WxIYIx	WxIYWx
WxIYFx	WxIYCx	WxIYYx	WxIYMx	WxIYVx	WxIMIx	WxIMWx	WxIMFx	WxIAIx	WxIAWx
WxVVIx	WxVVWx	WxVVFx	WxVVCx	WxVVYx	WxVVMx	WxVVVx	WxVVLx	WxVVGx	WxVWHx
WxVIXx	WxVIWx	WxVIFx	WxVICx	WxVIYx	WxVIMx	WxVIVx	WxVILx	WxVIGx	WxVLIx
WxVLMx	WxVLFx	WxVLCx	WxVLYx	WxVLMx	WxVLLx	WxVFLx	WxVFXx	WxVFXx	WxVFXx
WxVFCx	WxVCIx	WxVCWx	WxVCFx	WxVWIX	WxVWVx	WxVWFx	WxVYIx	WxVYWx	WxVYFx
WxVMIx	WxVFLx	WxFVWx	WxFVFX	WxFVCx	WxFVYx	WxFVMx	WxFVWx	WxFIIX	WxFIWX
WxFIFx	WxFILx	WxCVIX	WxCVWx	WxCVFX	WxCVCx	WxCVYx	WxCIIX	WxCIWX	WxCIFx
WxCLIX	WxLVIx	WxLVWx	WxLVFx	WxLVCx	WxLIIx	WxLIWx	WxLLIX	WxMVIx	WxMVWx

xxICCV	xxICCC	xxICCI	xxICCF	xxICVY	xxICYC	xxICYI	xxICMV	xxICMC	xxICMI
xxICVV	xxICVC	xxICVI	xxICLV	xxICLC	xxIWIV	xxIWIC	xxIWII	xxIWIF	xxIWIL
xxIWYI	xxIWIW	xxIWIM	xxIWWV	xxIWWC	xxIWWI	xxIWWF	xxIWWL	xxIWWY	xxIWFV
xxIWFC	xxIWFI	xxIWFF	xxIWCV	xxIWCC	xxIWCI	xxIWYV	xxIWYC	xxIWYI	xxIWMV
xxIWMC	xxIWMI	xxIWWV	xxIWVC	xxIWVI	xxIWLW	xxIWLC	xxIYIV	xxIYIC	xxIYII
xxIYIF	xxIYIL	xxIYIY	xxIYIW	xxIYIM	xxIYVW	xxIYWC	xxIYWI	xxIYWF	xxIYWL
xxIYWY	xxIYFV	xxIYFC	xxIYFI	xxIYFF	xxIYCV	xxIYCC	xxIYCI	xxIYVY	xxIYYC
xxIYYI	xxIYMV	xxIYMC	xxIYMI	xxIYVY	xxIYVC	xxIYLV	xxIYLC	xxIMIV	xxIMIC
xxIMII	xxIMIF	xxIMIL	xxIMIY	xxIMIW	xxIMWV	xxIMWC	xxIMWI	xxIMWF	xxIMFV
xxIMFC	xxIMFI	xxIMCV	xxIMCC	xxIMVY	xxIMYC	xxIMMV	xxIMVY	xxIMLV	xxIAIV
xxIAIC	xxIAII	xxIAIF	xxIAWV	xxIAWC	xxIAFV	xxIAFC	xxIACV	xxIAYV	xxIAMV
xxIAVV	xxITIV	xxINIV	xxVVIV	xxVVIC	xxVVII	xxVVIF	xxVVIL	xxVVYI	xxVVIV
xxVVIM	xxVVIA	xxVVIT	xxVVIS	xxVVIH	xxVVIN	xxVVIQ	xxVVIK	xxVVIG	xxVVWV
xxVVWC	xxVVWI	xxVVWF	xxVVWL	xxVVWY	xxVVWV	xxVVWM	xxVVWA	xxVVVW	xxVVWS
xxVVWH	xxVVFV	xxVVFC	xxVVFI	xxVVFV	xxVVFL	xxVVFY	xxVVFV	xxVVFM	xxVVFA
xxVVFT	xxVVFS	xxVVFH	xxVVCV	xxVVCC	xxVVCI	xxVVCF	xxVVCL	xxVVCY	xxVVCV
xxVVCM	xxVVCA	xxVVCT	xxVVCS	xxVVYV	xxVVYC	xxVVYI	xxVVYV	xxVVYL	xxVVYY
xxVVYV	xxVVYM	xxVVYA	xxVVMV	xxVVMC	xxVVMI	xxVVMF	xxVVML	xxVVMY	xxVVMM
xxVVMM	xxVVVV	xxVVVC	xxVVVI	xxVVVF	xxVVVL	xxVVVY	xxVVVW	xxVVVM	xxVVLV
xxVVLC	xxVVLI	xxVVLF	xxVVLL	xxVVLY	xxVVLV	xxVVLM	xxVVGV	xxVVGC	xxVVGI
xxVVGF	xxVVHV	xxVVHC	xxVVTV	xxVVIW	xxVVIC	xxVVII	xxVVIW	xxVVIW	xxVVIW
xxVVIW	xxVIIM	xxVIIA	xxVIIT	xxVIIS	xxVVIH	xxVIWV	xxVIWC	xxVIWI	xxVIWF
xxVIWL	xxVIWY	xxVIWW	xxVIWM	xxVIWA	xxVIWT	xxVIWS	xxVIVF	xxVIVF	xxVIFI
xxVIFV	xxVIFL	xxVIFY	xxVIFW	xxVIFM	xxVIFA	xxVICV	xxVICC	xxVICI	xxVICF
xxVICL	xxVICY	xxVICW	xxVICM	xxVIYV	xxVIYC	xxVIYI	xxVIYF	xxVIYL	xxVIYV
xxVIYV	xxVIMV	xxVIMC	xxVIMI	xxVIMF	xxVIML	xxVIMY	xxVIMW	xxVIVV	xxVIVC
xxVIVI	xxVIVF	xxVIVL	xxVIVY	xxVIVW	xxVILV	xxVILC	xxVILI	xxVILF	xxVILL
xxVIGV	xxVIGC	xxVIHV	xxVLIW	xxVLIC	xxVLIH	xxVLIF	xxVLIH	xxVLIW	xxVLIW
xxVLIM	xxVLIA	xxVLIT	xxVLIS	xxVLWV	xxVLWC	xxVLWI	xxVLWF	xxVLWL	xxVLWY
xxVLWV	xxVLWM	xxVLVW	xxVLFC	xxVLFI	xxVLFF	xxVLFL	xxVLFY	xxVLFW	xxVLCV
xxVLCC	xxVLCT	xxVLCF	xxVLYV	xxVLYC	xxVLYI	xxVLYF	xxVLMV	xxVLMC	xxVLMI
xxVLMF	xxVLVW	xxVLVC	xxVLVI	xxVLVF	xxVLLV	xxVLLC	xxVLLI	xxVLGV	xxVLFV
xxVVIC	xxVFII	xxVFIF	xxVFIL	xxVFIV	xxVFIV	xxVFWV	xxVFWC	xxVFWI	xxVFWF
xxVFFV	xxVFFC	xxVFFI	xxVFCV	xxVFCC	xxVFYV	xxVFYC	xxVFMV	xxVFMV	xxVFLV
xxVFCV	xxVFCI	xxVCCI	xxVCFV	xxVCLL	xxVCIY	xxVCWV	xxVCWC	xxVCWI	xxVCFV
xxVCFV	xxVCFI	xxVCCV	xxVCYV	xxVCMV	xxVCCV	xxVCLV	xxVWIV	xxVWIC	xxVWII
xxVWIF	xxVWIL	xxVWVW	xxVWVC	xxVWVI	xxVWFV	xxVWFC	xxVWCV	xxVWVY	xxVWVY
xxVWVY	xxVYIV	xxVYIC	xxVYII	xxVYIF	xxVYIL	xxVYVW	xxVYWC	xxVYWI	xxVYFV
xxVYFC	xxVYCV	xxVYVY	xxVYMV	xxVYVY	xxVMIV	xxVMIC	xxVMII	xxVMWV	xxVMWC
xxVMFV	xxVMCV	xxVAIV	xxVAIC	xxVAWV	xxFVIV	xxFVIC	xxFVII	xxFVIF	xxFVIL
xxFVIY	xxFVIW	xxFVIM	xxFVWV	xxFVWC	xxFVWI	xxFVWF	xxFVWL	xxFVWY	xxFVWV
xxFVFC	xxFVFI	xxFVFF	xxFVCV	xxFVCC	xxFVCI	xxFVYV	xxFVYV	xxFVYI	xxFVMV
xxFVMC	xxFVVV	xxFVVC	xxFVLV	xxFIIV	xxFIIC	xxFIII	xxFIIY	xxFIIW	xxFIIY
xxFIWV	xxFIWC	xxFIWI	xxFIFV	xxFIFC	xxFIFI	xxFICV	xxFIIY	xxFIMV	xxFIVV
xxFILV	xxFLIV	xxFLIC	xxFLII	xxFLWV	xxFLFV	xxFFIV	xxFCIV	xxFWIV	xxCVIV
xxCVIC	xxCVII	xxCVIF	xxCVIL	xxCVIY	xxCVIW	xxCVWV	xxCVWC	xxCVWI	xxCVWF
xxCVFV	xxCVFC	xxCVFI	xxCVFF	xxCVCV	xxCVCC	xxCVYV	xxCVYC	xxCMVY	xxCMVC
xxCVVV	xxCVVC	xxCVLV	xxCIVV	xxCIIC	xxCIII	xxCIIF	xxCIWV	xxCIWC	xxCIVI
xxCIFV	xxCICV	xxCICV	xxCIYV	xxCIMV	xxCIVV	xxCLIV	xxCLIC	xxCLWV	xxCLFV
xxCFIV	xxLVIV	xxLVIC	xxLVII	xxLVIF	xxLVIL	xxLVYI	xxLVIW	xxLVWV	xxLVWC
xxLVWI	xxLVWF	xxLVFV	xxLVFC	xxLVFI	xxLVCC	xxLVYV	xxLVYV	xxLVYV	xxLVMV
xxLVVY	xxLVLV	xxLVIV	xxLVIC	xxLVII	xxLVIF	xxLVIV	xxLVWC	xxLVFV	xxLVFC
xxLICV	xxLIYV	xxLIMV	xxLIVV	xxLLIV	xxLLIC	xxLLWV	xxLLFV	xxLPIV	xxMVIY
xxMVIC	xxMVII	xxMVIF	xxMVWV	xxMVWC	xxMVFV	xxMVFC	xxMVCV	xxMVYV	xxMVMV
xxMVVY	xxMIVV	xxMIIC	xxMIWV	xxMIFV	xxMLIV	xxWVIV	xxWVIC	xxWVWV	xxWVII
xxYVIV									
