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Figure 2

FosW (parent) library

4.5h

		<u>Heptad 1</u>							<u>Heptad 2</u>							<u>Heptad 3</u>							<u>Heptad 4</u>							<u>Heptad 4.5</u>							
		<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>				
A	S	L	D	E	L	Q	A	E	I	E	Q	L	E	E	R	N	Y	A	L	R	K	E	I	E	D	L	Q	K	Q	L	E	K	L	G	A	P	
		I							V	D				D	Q						Q	T	V	A	N		L		E	I							
		V							L														L				R			V							

Mixed-length library

		<u>Heptad 1</u>						<u>Heptad 2 (n =1-3)</u>									<u>Heptad 4.5</u>												
A	S	I	A	A	I	E	A	E	I	A	A	I	E	A	E	I	A	A	I	E	A	E	I	A	A	I	G	A	P
		L	E	E	L	K	E	K	L	E	E	L	K	E	K	L	E	E	L	K	E	K	L	E	E	L			
		V	I	I	V	Q	I	Q	V	I	I	V	Q	I	Q	V	I	I	V	Q	I	Q	V	I	I	V			
		F	K	K	F	R	K	R	F	K	K	F	R	K	R	F	K	K	F	R	K	R	F	K	K	F			
		W	L	L	W		L		W	L	L	W		L		W	L	L	W		L		W	L	L	W			
		Y	Q	Q	Y		Q		Y	Q	Q	Y		Q		Y	Q	Q	Y		Q		Y	Q	Q	Y			
			R	R			R		N	R	R			R		N	R	R			R			R	R				