

TABLE S10

Design Protocol	Peroxisome Proliferator Receptor Interface Residues															Identical to Native	
	396	410	414	430	432	433	434	436	437	439	440	443	444	447	451	#	%
NATIVE	D	Q	L	Q	F	A	K	L	Q	M	T	R	Q	T	Q	15	
MULTI	W	+	+	+	Y	+	R	H	E	K	E	P	W	H	+	5	33%
SINGLE 1K74	W	M	+	K	R	P	W	Y	E	H	Y	D	W	W	N	1	7%
2PRG	+	+	H	+	Y	+	W	H	W	K	D	F	E	Q	+	5	33%