	RTU Name	Induced by Transcription Factors/Prototypic Inducers	Biological Pathways
1	**PPRE**	PPARa, d, g / Rosiglitazone	Nuclear hormone receptor pathway
2	**NFI**	NF-I	Drug metabolism
3	**TGF**	SMAD Family / TGFb	Cell growth and differentiation TGFb pathway
4	**HNF6**	HNF6	Endocrine cell differentiation
5	**TCF/b-cat**	Lef/Tcf / Wnt	Cell adhesion, Wingless-Int pathway
6	**Ebox**	c-Myc, USF1	Cell cycle, proliferation
7	**PXRE**	PXR / Rifampicin	Nuclear receptor pathway
8	**GRE**	GR / Dexamethazone	Differentiation, inflammation
9	**AP-1**	c-fos, c-jun / PMA	JNK pathway, stress responses
10	**ISRE**	IRF1, IFR3 / Interferones	Immune responses, host defense
11	**MRE**	MTF-1/ heavy metals	Heavy metals response
12	**STAT**	STAT Family / IL-6	JAK pathway
13	**NF-kB**	NF-kB Family/ TNFa, IL-1b, LPS	Immune responses, IL-1/Toll receptor pathway
14	**FoxA**	FoxA Family /	Maintenance of glucose and lipid homeostasis
15	**Xbp1**	XBP1/	Unfolded protein response, ER stress
16	**CRE**	CREB1/ Forskolin, cAMP	cAMP and cGMP, NO receptor, GPCR pathways
17	**AhRE**	AhR / Dioxin, FIC	Xenobiotic response, hypoxia
18	**EGR**	Egr1/ Growth factors	Receptor tyrosine kinase pathway
19	**ARE**	NRF2/	Antioxidative responses
20	**ERE**	Era/ estragens	Nuclear hormone receptor pathway
21	**Oct**	OCT Family	CNS development
22	**LXRE**	LXRa, b/	Nuclear hormone receptor pathway
23	**HSE**	HSF1,2/ heat shock, geldanamycin	Stress response, heat shock
24	**SREBP**	SREBP Family	Lipid homeostasis
25	**p53**	p53/ DNA damage	Genotoxics stress responses, Check point controls
26	**BRE**	SMAD Family / BMPs	Osteoblast differentiation
27	**Pax**	Pax Family	Development of CNS, beta cell differentiation
28	**HIF1a**	HIF1a/ hypoxia	Hypoxia, angiogenesis
31	**Ets**	Ets Family/ PMA	MAP kinase mediated signaling
32	**GLI**	Gli Family	Hedgehog pathway
33	**NRF1**	NRF1	Mitochondria genesis, antioxidative responses
34	**GATA**	GATA Family	Differentiation
35	**E2F**	E2F1/ growth stimuli	Cell cycle, Proliferation
36	**C/EBP**	C/EBPb	Adipogenesis

cont…

	RTU Name	Induced by Transcription Factors/Prototypic Inducers	Biological Pathways
37	**Myb**	c-Myb	Hematopoietic cell differentiation
38	**PBREM**	CAR/ Phenobarbetal	Nuclear hormone receptor pathway
39	**AP-2**	AP-2	Embryonic morphogenesis
40	**RARE**	RARa,b,g/ Retinoic acid	Nuckeat hormone receptor pathway
41	**FoxO**	FoxO Family	Akt/Forkhead signaling
42	**SOX**	SOX Family	Chondrogenesis
43	**Sp1**	Sp1	Differentiation
Minimal Promoters			
	TA	N/A	Minimal promoter
	TATA	N/A	Minimal promoter
	TAL (TK)	N/A	Minimal promoter
Viral Promoters			
	SV40	N/A	Viral promoter
	CMV	N/A	Viral promoter