


Construct	Injected Embryos	Lens Expression (pos. Integration)	Specific Expression Pattern	% of Specific Expression	Genomic Coordinates of Construct	Species (Assembly)
Medaka <i>ttc29</i> <sup>RR</sup> ::GFP	117	40	27	67.50%	chr1:22443321-22443901	Medaka (MEDAKA1)
Medaka <i>ttc29</i> <sup>RR</sup> Δ RR ::GFP	75	17	0	0.00%	chr1:22443321-22443496, chr1:22443727-22443901	Medaka (MEDAKA1)
Mouse <i>Ttc29</i> <sup>exon</sup> ::GFP (coding ortholog)	91	34	0	0.00%	chr8:80769798-80770621	Mouse (NCBI m37)
Medaka <i>dock9</i> <sup>RR</sup> ::GFP	94	33	17	51.52%	chr21:9259960-9260528	Medaka (MEDAKA1)
Medaka <i>dock9</i> <sup>RR</sup> Δ RR ::GFP	88	26	0	0.00%	chr21:9259960-9260150, chr21:9260339-9260528	Medaka (MEDAKA1)
Medaka <i>dock9</i> <sup>exon</sup> ::GFP (coding paralog 1of2)	60	15	0	0.00%	chr21:25113257-25113767	Medaka (MEDAKA1)
Medaka <i>dock9</i> <sup>exon</sup> ::GFP (coding paralog 2of2)	78	24	0	0.00%	chr2:21810012-21810516	Medaka (MEDAKA1)
Mouse <i>Dock9</i> <sup>exon</sup> ::GFP (coding ortholog)	77	21	0	0.00%	chr14:122196512-122196833	Mouse (NCBI m37)
Elephant Shark <i>dock9</i> <sup>exon</sup> ::GFP (coding ortholog)	63	33	0	0.00%	contig AAVX01189524.1: 83-300	Elephant Shark (AAVX01000000)
Medaka <i>ccdc46</i> <sup>RR</sup> ::GFP	78	26	16	61.54%	chr1:4649989-4650511	Medaka (MEDAKA1)
Medaka <i>ccdc46</i> <sup>RR</sup> Δ RR ::GFP	160	38	25	65.79% (residual activity)	chr1:4649989-4650130, chr1:4650318-4650511	Medaka (MEDAKA1)
Medaka <i>ccdc46</i> <sup>exon</sup> ::GFP (coding paralog)	78	47	0	0.00%	chr8:12224568-12225059	Medaka (MEDAKA1)
Mouse <i>Ccdc46</i> <sup>exon</sup> ::GFP (coding ortholog)	84	31	0	0.00%	chr11:108467327-108467909	Mouse (NCBI m37)
Elephant Shark <i>ccdc46</i> <sup>exon</sup> ::GFP (coding ortholog)	111	24	0	0.00%	contig AAVX01033398.1: 1414-1971	Elephant Shark (AAVX01000000)
Medaka <i>p300</i> ::GFP	68	24	22	91.67%	chr1:4650972-4651610	Medaka (MEDAKA1)
Mouse <i>p300</i> + exon ::GFP	82	17	14	82.35%	chr11:108466377-108467909	Mouse (NCBI m37)
Mouse <i>p300</i> Δ exon ::GFP	98	28	22	78.57%	chr11:108466377-108467526, chr11:108467710-108467909	Mouse (NCBI m37)
Elephant Shark <i>p300</i> ::GFP	91	23	18	78.26%	contig AAVX01033398.1: 1-1606	Elephant Shark (AAVX01000000)
Medaka <i>fam44b</i> <sup>RR</sup> ::GFP	92	35	20	57.14%	chr10:16717848-16718337	Medaka (MEDAKA1)
Medaka <i>fam44b</i> <sup>RR</sup> Δ RR ::GFP	136	28	15	53.57%	chr10:16717848-16717950, chr10:16718150-16718337	Medaka (MEDAKA1)

 = enhancer activity overlapping with expression domain of a flanking gene