GO ID	GO Term	Mouse	p-value (Mouse)	Rat	p-value (Rat)	Human	p-value (Human)	Chicken	p-value (Chicken)
GO:0007507	heart development	34% (43/124)	2,30E-07	28% (27/94)	0,0007661	37% (23/61)	4,58E-05	37% (6/16)	0,03272
GO:0003007	heart morphogenesis	36% (8/22)	0,01662	0% (0/3)	1	37% (3/8)	0,1219	0% (0/0)	1
GO:0008016	regulation of heart contraction	40% (8/20)	0,01084	37% (11/29)	0,004159	55% (15/27)	3,37E-05	0% (0/1)	1
GO:0001947	heart looping	35% (5/14)	0,05724	40% (4/10)	0,06645	33% (3/9)	0,1494	33% (1/3)	0,3842
GO:0035050	embryonic heart tube development	45% (5/11)	0,02864	33% (2/6)	0,2298	42% (3/7)	0,09652	66% (2/3)	0,103
GO:0007512	adult heart development	70% (7/10)	0,00172	77% (7/9)	0,001122	57% (4/7)	0,02887	66% (2/3)	0,103
GO:0002026	regulation of the force of heart contraction	50% (5/10)	0,02168	50% (3/6)	0,07361	40% (2/5)	0,1857	0% (0/1)	1
GO:0048738	cardiac muscle development	71% (5/7)	0,007652	100% (3/3)	0,02275	50% (3/6)	0,07361	66% (2/3)	0,103
GO:0060048	cardiac muscle contraction	57% (4/7)	0,02887	88% (8/9)	0,0002668	66% (2/3)	0,103	0% (0/0)	1
GO:0002027	regulation of heart rate	33% (2/6)	0,2298	50% (2/4)	0,1431	66% (2/3)	0,103	0% (0/0)	1
GO:0055007	cardiac muscle cell differentiation	60% (3/5)	0,0535	66% (2/3)	0,103	66% (2/3)	0,103	100% (1/1)	0,2152
GO:0055010	ventricular cardiac muscle morphogenesis	60% (3/5)	0,0535	83% (5/6)	0,004922	71% (5/7)	0,007652	0% (0/0)	1
GO:0060038	cardiac muscle cell proliferation	40% (2/5)	0,1857	0% (0/1)	1	50% (2/4)	0,1431	0% (0/1)	1
GO:0055003	cardiac myofibril assembly	100% (4/4)	0,008105	66% (2/3)	0,103	100% (1/1)	0,2152	100% (2/2)	0,008105
GO:0045822	negative regulation of heart contraction	50% (2/4)	0,1431	40% (2/5)	0,1857	50% (1/2)	0,3048	0% (0/1)	1
GO:0055012	ventricular cardiac muscle cell differentiation	0% (0/4)	1	0% (0/1)	1	0% (0/0)	1	0% (0/0)	1
GO:0001996	positive regulation of heart rate by epinephrine-norepinephrine	66% (2/3)	0,103	66% (2/3)	0,103	50% (1/2)	0,3048	0% (0/0)	1
GO:0001997	positive regulation of the force of heart contraction by epinephrine-norepinephrine	66% (2/3)	0,103	66% (2/3)	0,103	50% (1/2)	0,3048	0% (0/0)	1
GO:0060047	heart contraction	66% (2/3)	0,103	100% (1/1)	0,2152	100% (2/2)	0,06675	0% (0/0)	1
GO:0035051	cardiac cell differentiation	33% (1/3)	0,3842	50% (1/2)	0,3048	100% (1/1)	0,2152	0% (0/0)	1
GO:0060045	positive regulation of cardiac muscle cell proliferation	0% (0/3)	1	0% (0/1)	1	0% (0/1)	1	0% (0/0)	1
GO:0048739	cardiac muscle fiber development	100% (2/2)	0,06675	100% (1/1)	0,2152	100% (1/1)	0,2152	100% (1/1)	0,2152
GO:0035054	embryonic heart tube anterior/posterior pattern formation	50% (1/2)	0,3048	50% (1/2)	0,3048	0% (0/0)	1	100% (1/1)	0,2152
GO:0055015	ventricular cardiac muscle cell development	50% (1/2)	0,3048	100% (1/1)	0,2152	0% (0/0)	1	0% (0/0)	1
GO:0001985	negative regulation of heart rate in baroreceptor response to increased systemic arterial blood pressure	100% (1/1)	0,2152	100% (1/1)	0,2152	0% (0/0)	1	0% (0/0)	1
GO:0055008	cardiac muscle morphogensis	100% (1/1)	0,2152	50% (1/2)	0,3048	100% (1/1)	0,2152	100% (2/2)	0,06675
GO:0055009	atrial cardiac muscle morphogenesis	100% (1/1)	0,2152	100% (1/1)	0,2152	100% (1/1)	0,2152	100% (1/1)	0,2152
GO:0055013	cardiac muscle cell development	100% (1/1)	0,2152	0% (0/0)	1	0% (0/0)	1	0% (0/0)	1
GO:0001986	negative regulation of the force of heart contraction during baroreceptor response to increased systemic arterial blood pressure	0% (0/1)	1	0% (0/1)	1	0% (0/1)	1	0% (0/0)	1
GO:0001988	positive regulation of heart rate in baroreceptor response to decreased systemic arterial blood pressure	0% (0/1)	1	0% (0/0)	1	0% (0/1)	1	0% (0/1)	1
GO:0045823	positive regulation of heart contraction	0% (0/1)	1	0% (0/2)	1	0% (0/2)	1	0% (0/1)	1
GO:0060044	negative regulation of cardiac muscle cell proliferation	0% (0/0)	1	50% (1/2)	0,3048	100% (1/1)	0,2152	100% (1/1)	0,2152