## Genes lost in RVAR1 BP TreeMap

neuropeptide signaling pathw	transmembrane receptor protein tyrosine kinase signaling pathway regulation of positive regulation of MAP kinase activity regulation regulation regulation regulation	negative regulation of female receptivity, post-mating	rhabdomere development amphid sensory	positive regulation of epidermal growth factor-activated receptor activity  positive  positive  regulation of epidermal growth factor-activated receptor activity  positive  positive  regulation of protein localization to cell surface  protein muscle cell apoptotic process  positive  regulation of protein localization to cell surface  protein muscle cell apoptotic process  regulation of protein localization to cell surface  positive  regulation of protein muscle cell apoptotic process  regulation of epidermal growth fibroblast prolification to cell surface  regulation of regulation of protein localization to cell surface  positive  regulation of protein protein localization to cell surface  regulation of regulation of protein localization to cell apoptotic process  regulation of smooth muscle cell apoptotic process  regulation of cell surface process  regulation of smooth muscle cell apoptotic process  regulation of cell surface process  regulation of protein localization to cell surface process  regulation of smooth muscle cell apoptotic process  regulation of cell surface process  regulation of regulation of cell surface process  regulation of cell surface proces
nouronal	positive regulation of lipopolysaccharide-mediated signaling pathway  positive  positive  negative regulation of receptor 4 signaling pathway  pathway  pathway  JAK-ST.  positive  negative regulation of receptor 4 signaling pathway  pathway  positive  negative regulation of neuronal receptor a circular of pathway  positive regulation of neuronal receptor receptor a circular of pathway  positive regulation of receptor 4 signaling pathway  positive regulation of receptor receptor 4 signaling pathway  positive regulation of receptor recept	or Control of Control	organ dendrite terminal region determination extension  chorion-containing eggshell pattern reproduction	regulation of kinase activity  positive regulation of neuromuscular positive junction development ruffle positive junction development ruffle positive regulation positive junction development ruffle positive junction development ruffle positive junction development ruffle positive regulation of vacuole regulation positive junction development ruffle positive regulation of vacuole regulation positive junction development ruffle regulation positive regulation regu
G protein-coupled receptor	Positive regulation of protein kinase B signaling Pathway B signaling pathway	of Nnt e Z	ascospore formation reproduction  sexual sporulation resulting in formation of a cellular spore  neuron osteoblast development projection extension sorocarp	e endothelial cell proliferation assembly regulation of autophagosome e e e e e e e e e e e e e e e e e e
signaling pathway	MAPK regulation of hippo signaling positive regulation of NIK/NF-kappaB signaling signaling signaling and the positive regulation of NIK/NF-kappaB signaling signaling cascade	e of the state of	pole cell sorocarp development development pole cell sexual migration sporulation	apoptotic process regeneration assembly cell motility junction organization organization organization process  positive regulation of circadian sleep/wake cycle, sleep  positive regulation of positive regulation of circadian sleep/wake cycle, sleep  positive regulation of development development gland angiogenesis outflow tract cooperative cooperative
positive regulation of	lipid transport involved transmembra	behavioral response to starvation  behavioral visual perception culticulin-based cuticulin-based cuticulin-bas	cellular response	positive regulation of circadian clep/wake sleep sleep/wake cycle, sleep sleep/wake cycle, sleep positive regulation of circadian cleps sleep/wake cycle, sleep sleep/wake cycle, sleep positive regulation of circadian cleps sleep/wake cycle, sleep sleep/wake cycle, sleep positive regulation of circadian cleps sleep/wake cycle, sleep sleep cycle, sleep positive regulation of circadian cleps sleep/wake cycle, sleep sleep sleep cycle, sleep positive regulation of circadian sleep/wake traches cardiac chamber development spithelial collists and collis
triglyceride transport	in lipid storage transport	adhesion receptor-mediated virion attachment to host cell  chemical stimulus involved in sensory perception of pain response to involved in sensory ecctysone ecctysone ecctysone involved in sensory perception of bitter taste response to inflammatory	to heat acid  organ or tissue viral RNA genome replication of temperature stimulus	regulation of interferon—gamma regulation of production feeding behavior regulation of substrate suppression by regulation by regulation of regulation of regulation of substrate regulation of regulation of regulation of substrate regulation of regulation of regulation of substrate regulation of
c	egulation of lipid transport egulation of regulation of lipid transport regulation of lipid tran	acute-phase response innate immune response on the interferon-gamma immune response on	exploration phototaxis affector-medianed modulation host defenses by symbiont detection of emparature multus involved in sensory seption of pain and the pain and the properties of the properti	complement activation  see the positive regulation of defense response regulation of defense response regulation of an of an activation of the positive regulation of defense response regulation of an activation of the positive regulation of the positive regulation of defense response regulation of the positive regulation regula
intestinal lipid absorption	egulation peroxisome of calcium insulin secretion involved in cellular response to glucose stimulus import artificial management on insulin secretion involved in cellular response to glucose stimulus important in management of positive regulation of potassium ion transmembrane transporter activity of prositive regulation of positive regulatio	tein DNA binding behavior energy taxis positive regulation of detection of mechanical stimulus rhythmic negative energy to the positive regulation of mechanical stimulus rhythmic negative lively energy to the positive regulation of mechanical stimulus rhythmic negative lively energy to the positive regulation of the positive regulation re	mune detection of temperature stimulus involved in thermoception of temperature stimulus involved in thermoception of taxis    Virial	regulation of regulation recognition recognition recognition to the condition recognition