	Melanocytes	DSCs	
defense response to virus -	_		
response to virus - response to type II interferon -			
antiviral innate immune response -	_		
response to interleukin-1 -			
cellular response to amyloid-beta -			
response to interferon-beta			
innate immune response - response to interferon-alpha -			
DNA damage response, signal transduction by p53 class mediator resulting in cell cycle arrest -			
negative regulation of innate immune response -			
cellular response to epidermal growth factor stimulus -			
response to oxidative stress - regulation of cell differentiation -			
response to estrogen -			
negative regulation of DNA damage response, signal transduction by p53 class mediator -			
positive regulation of defense response to virus by host -			
defense response to tumor cell			
response to lipopolysaccharide - base-excision repair -			
mesoderm development -			
erythrocyte differentiation -			
double-strand break repair -			
cellular response to interferon-beta - endodermal cell differentiation -			
negative regulation of inflammatory response to antigenic stimulus -			
cellular response to reactive oxygen species -			
hematopoietic progenitor cell differentiation -			
osteoblast differentiation -			
DNA damage response -  positive regulation of neuron projection development -			
cellular response to hypoxia -			
synapse assembly -			
heart development - cellular response to low-density lipoprotein particle stimulus -			Score
regulation of inflammatory response -			1.0 0.5
cellular response to xenobiotic stimulus -			0.0
cellular response to retinoic acid -			-0.5 -1.0
cellular response to BMP stimulus			
fat cell differentiation -  positive regulation of neuron differentiation -			
negative regulation of osteoblast differentiation -			
response to hypoxia -			
response to xenobiotic stimulus -			
cellular response to ionizing radiation - response to wounding -			
cellular response to oxidative stress			
response to calcium ion -			
double-strand break repair via nonhomologous end joining -			
cellular response to mechanical stimulus - neuron projection development -			
cellular response to insulin stimulus -			
cellular response to vascular endothelial growth factor stimulus -			
skin development -			
response to progesterone - cellular response to growth factor stimulus -			
response to endoplasmic reticulum stress			
neuron cell-cell adhesion -			
cellular response to cadmium ion -			
neuron migration - negative regulation of intrinsic apoptotic signaling pathway in response to DNA damage -			
neuron projection maintenance -			
positive regulation of double-strand break repair via homologous recombination -			
macrophage differentiation -			
negative regulation of myoblast differentiation -			
skeletal muscle tissue development - secondary palate development -			
embryonic digestive tract development -			
cellular response to estrogen stimulus -			
negative regulation of neuron projection development -			
positive regulation of osteoblast differentiation - inflammatory response -			
imaminatory response -			