Α		Mo	lecula	ar fui	nctio	n		B		Cellular	com	poner	nt	
	Up-regulated proteins			Down-regulated proteins		ns			-	Up-regulated proteins		wn-regu proteii		
	110 v5.70	s. cont	5.30	15.1D 4	S. Cont	5-3 P		- 15.	P 15.35	D Cont 3D ^{x5.} 21	45.ID		Cont Cont	
	11× 30	\$	212	zD .	<i>₹</i> ₽		_	210	10	30 21	P	ે ઝે		
						transmembrane signaling receptor activity							extracellular matrix	
						signaling receptor activity	2						Golgi lumen	_
			_			molecular transducer activity							supramolecular fiber	2
						protein tyrosine kinase activity	1						supramolecular polymer	
			_			transmembrane receptor protein kinase activity							supramolecular complex	1
						protein-hormone receptor activity	0						collagen trimer	
		_				odorant binding							sarcolemma	0
			_			insulin-activated receptor activity	-1							
						pheromone activity							lytic vacuole	-1
		_			-	mating pheromone activity pheromone binding	-2						lysosome	
						extracellular matrix structural constituent	-						lysosomal lumen	-2
				-		collagen binding							vacuolar lumen	
						glycosaminoglycan binding							vacuolar part	_
						sulfur compound binding							external side of plasma membrane	,
						cell adhesion molecule binding							cell cortex	
					1	actin binding							cytoplasmic region	
						heparin binding							endoplasmic reticulum lumen	
						integrin binding							extracellular region part	
					1	calcium ion binding							extracellular region	
						oxidoreductase activity							extracellular space	
						aldo-keto reductase (NADP) activity							extracellular organelle	
						ligand-gated ion channel activity							extracellular exosome	
						ligand-gated channel activity							extracellular vesicle	
				1		NAD binding							plasma membrane part	
				(i		ion gated channel activity							integral component of membrane	
		_				gated channel activity							intrinsic component of membrane	
						small molecule binding								
						cofactor binding							basolateral plasma membrane	nbrana
			_			coenzyme binding							integral component of plasma mer	
			-			channel activity							intrinsic component of plasma men	
					-	passive transmembrane transporter activity							intrinsic component of peroxisoma	
					-	ion channel activity							integral component of peroxisoma	membrane
			-			substrate-specific channel activity metal ion transmembrane transporter activity							cell periphery	
					-	ion transmembrane transporter activity							ciliary part	
					-	cation transmembrane transporter activity							non-motile cilium	
						antigen binding							photoreceptor outer segment	
						protein dimerization activity							photoreceptor cell cilium	
						protein heterodimerization activity							9+0 non-motile cilium	
							Figure S2							