

Table S1 RP target gene summary

Mol ID	Molecule name	Target	Gene symbol
MOL001755	24-Ethylcholest-4-en-3-one	Progesterone receptor	<i>PGR</i>
		Mineralocorticoid receptor	<i>NR3C2</i>
MOL002670	Cavidine	Prostaglandin G/H synthase 1	<i>PTGS1</i>
		Muscarinic acetylcholine receptor M3	<i>CHRM3</i>
		Potassium voltage-gated channel subfamily H member 2	<i>KCNH2</i>
		Muscarinic acetylcholine receptor M1	<i>CHRM1</i>
		Beta-1 adrenergic receptor	<i>ADRB1</i>
		Sodium channel protein type 5 subunit alpha	<i>SCN5A</i>
		Coagulation factor Xa	
		Muscarinic acetylcholine receptor M5	<i>CHRM5</i>
		Prostaglandin G/H synthase 2	<i>PTGS2</i>
		5-hydroxytryptamine receptor 3A	<i>HTR3A</i>
		Alpha-2C adrenergic receptor	<i>ADRA2C</i>
		Muscarinic acetylcholine receptor M4	<i>CHRM4</i>
		Retinoic acid receptor RXR-alpha	<i>RXRA</i>
		Delta-type opioid receptor	<i>OPRD1</i>
		5-hydroxytryptamine 2A receptor	<i>HTR2A</i>
		5-hydroxytryptamine 2C receptor	<i>HTR2C</i>
		Alpha-1B adrenergic receptor	<i>ADRA1B</i>
		Beta-2 adrenergic receptor	<i>ADRB2</i>
		Alpha-1D adrenergic receptor	<i>ADRA1D</i>
		DNA topoisomerase II	
		Mu-type opioid receptor	<i>OPRM1</i>
		Heat shock protein HSP 90	
		Retinoic acid receptor RXR-beta	<i>RXRB</i>
		Calmodulin	
		Dopamine D1 receptor	<i>DRD1</i>
		Sodium-dependent serotonin transporter	<i>SLC6A4</i>
		Coagulation factor VII	<i>F7</i>
cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A	<i>PDE10A</i>		
MOL002714	Baicalein	Prostaglandin G/H synthase 1	<i>PTGS1</i>
		Androgen receptor	<i>AR</i>
		Prostaglandin G/H synthase 2	<i>PTGS2</i>
		Heat shock protein HSP 90	
		mRNA of PKA Catalytic Subunit C-alpha	
		Dipeptidyl peptidase IV	<i>DPP4</i>
		Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, gamma isoform	<i>PIK3CG</i>
		CGMP-inhibited 3',5'-cyclic phosphodiesterase A	<i>PDE3A</i>
		Trypsin-1	
		Nuclear receptor coactivator 2	<i>NCOA2</i>
		Nuclear receptor coactivator 1	<i>NCOA1</i>
		Calmodulin	
		Transcription factor p65	<i>RELA</i>
		RAC-alpha serine/threonine-protein kinase	<i>AKT1</i>
		Vascular endothelial growth factor A	<i>VEGFA</i>
		Apoptosis regulator Bcl-2	<i>BCL2</i>
		Proto-oncogene c-Fos	<i>FOS</i>
		Apoptosis regulator BAX	<i>BAX</i>
		Matrix metalloproteinase-9	<i>MMP9</i>
		Caspase-3	<i>CASP3</i>
		Cellular tumor antigen p53	<i>TP53</i>
		Hypoxia-inducible factor 1-alpha	<i>HIF1A</i>
		Fos-related antigen 1	<i>FOSL1</i>
		Fos-related antigen 2	<i>FOSL2</i>
		Cell division control protein 2 homolog	
		G2/mitotic-specific cyclin-B1	<i>CCNB1</i>
		Myeloperoxidase	<i>MPO</i>
		Aryl hydrocarbon receptor	<i>AHR</i>
		Insulin-like growth factor II	<i>IGF2</i>
		Cytochrome c	<i>CYCS</i>
		Arachidonate 12-lipoxygenase, 12S-type	<i>ALOX12</i>
		Nuclear factor of activated T-cells, cytoplasmic 1	<i>NFATC1</i>
		Tudor domain-containing protein 7	<i>TDRD7</i>
Egl nine homolog 1	<i>EGLN1</i>		
NADPH oxidase 5	<i>NOX5</i>		
Fatty acid-binding protein, epidermal			
Apolipoprotein D	<i>APOD</i>		
MOL002776	Baicalin	Coagulation factor Xa	
		mRNA of Protein-tyrosine phosphatase, non-receptor type 1	<i>PTPN1</i>
MOL000358	Beta-sitosterol	Progesterone receptor	<i>PGR</i>
		Nuclear receptor coactivator 2	<i>NCOA2</i>
		Prostaglandin G/H synthase 1	<i>PTGS1</i>
		Prostaglandin G/H synthase 2	<i>PTGS2</i>
		Heat shock protein HSP 90	
		Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, gamma isoform	<i>PIK3CG</i>
		Potassium voltage-gated channel subfamily H member 2	<i>KCNH2</i>
		mRNA of PKA Catalytic Subunit C-alpha	
		Dopamine D1 receptor	<i>DRD1</i>
		Muscarinic acetylcholine receptor M3	
		Muscarinic acetylcholine receptor M1	
		Sodium channel protein type 5 subunit alpha	
		Gamma-aminobutyric-acid receptor alpha-2 subunit	<i>GABRA2</i>
		Muscarinic acetylcholine receptor M4	
		CGMP-inhibited 3',5'-cyclic phosphodiesterase A	<i>PDE3A</i>
		5-hydroxytryptamine 2A receptor	
		Gamma-aminobutyric-acid receptor alpha-5 subunit	<i>GABRA5</i>
		Alpha-1A adrenergic receptor	
		Gamma-aminobutyric-acid receptor alpha-3 subunit	<i>GABRA3</i>
		Muscarinic acetylcholine receptor M2	<i>CHRM2</i>
		Alpha-1B adrenergic receptor	<i>ADRA1B</i>
		Beta-2 adrenergic receptor	<i>ADRB2</i>
		Neuronal acetylcholine receptor subunit alpha-2	<i>CHRNA2</i>
		Sodium-dependent serotonin transporter	<i>SLC6A4</i>
		Mu-type opioid receptor	<i>OPRM1</i>
		Gamma-aminobutyric acid receptor subunit alpha-1	<i>GABRA1</i>
		Neuronal acetylcholine receptor protein, alpha-7 chain	<i>CHRNA7</i>
Cytochrome P450-cam			
Apoptosis regulator Bcl-2	<i>BCL2</i>		
Apoptosis regulator BAX	<i>BAX</i>		
Caspase-9	<i>CASP9</i>		
Transcription factor AP-1	<i>JUN</i>		
Caspase-3	<i>CASP3</i>		
Caspase-8	<i>CASP8</i>		
Protein kinase C alpha type	<i>PRKCA</i>		
Transforming growth factor beta-1	<i>TGFB1</i>		
Serum paraoxonase/arylesterase 1	<i>PON1</i>		
Microtubule-associated protein 2	<i>MAP2</i>		

Table S1 (continued)

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Mol ID	Molecule name	Target	Gene symbol		
MOL000449	Stigmasterol	Progesterone receptor	<i>PGR</i>		
		Mineralocorticoid receptor	<i>NR3C2</i>		
		Nuclear receptor coactivator 2	<i>NCOA2</i>		
		Alcohol dehydrogenase 1C	<i>ADH1C</i>		
		Ig gamma-1 chain C region			
		Retinoic acid receptor RXR-alpha	<i>RXRA</i>		
		Nuclear receptor coactivator 1	<i>NCOA1</i>		
		Prostaglandin G/H synthase 1	<i>PTGS1</i>		
		Prostaglandin G/H synthase 2	<i>PTGS2</i>		
		Alpha-2A adrenergic receptor	<i>ADRA2A</i>		
		Sodium-dependent noradrenaline transporter	<i>SLC6A2</i>		
		Sodium-dependent dopamine transporter	<i>SLC6A3</i>		
		Beta-2 adrenergic receptor	<i>ADRB2</i>		
		Aldose reductase			
		Urokinase-type plasminogen activator	<i>PLAU</i>		
		Leukotriene A-4 hydrolase	<i>LTA4H</i>		
		Amine oxidase [flavin-containing] B	<i>MAOB</i>		
		Amine oxidase [flavin-containing] A	<i>MAOA</i>		
		mRNA of PKA Catalytic Subunit C-alpha			
		Chymotrypsinogen B	<i>CTRB1</i>		
		Muscarinic acetylcholine receptor M3	<i>CHRM3</i>		
		Muscarinic acetylcholine receptor M1	<i>CHRM1</i>		
		Beta-1 adrenergic receptor	<i>ADRB1</i>		
		Sodium channel protein type 5 subunit alpha	<i>SCN5A</i>		
		5-hydroxytryptamine 2A receptor	<i>HTR2A</i>		
		Alpha-1A adrenergic receptor	<i>ADRA1A</i>		
		Gamma-aminobutyric-acid receptor alpha-3 subunit	<i>GABRA3</i>		
		Muscarinic acetylcholine receptor M2	<i>CHRM2</i>		
		Alpha-1B adrenergic receptor	<i>ADRA1B</i>		
		Gamma-aminobutyric acid receptor subunit alpha-1	<i>GABRA1</i>		
		Neuronal acetylcholine receptor protein, alpha-7 chain	<i>CHRNA7</i>		
		MOL005030	Gondoic acid	Prostaglandin G/H synthase 1	<i>PTGS1</i>
				Nuclear receptor coactivator 2	<i>NCOA2</i>
MOL000519	Coniferin	Muscarinic acetylcholine receptor M3	<i>CHRM3</i>		
		Muscarinic acetylcholine receptor M1	<i>CHRM1</i>		
		Estrogen receptor	<i>ESR1</i>		
		Androgen receptor	<i>AR</i>		
		Sodium channel protein type 5 subunit alpha	<i>SCN5A</i>		
		Peroxisome proliferator activated receptor gamma	<i>PPARG</i>		
		Prostaglandin G/H synthase 2	<i>PTGS2</i>		
		Carbonic anhydrase II	<i>CA2</i>		
		CGMP-inhibited 3',5'-cyclic phosphodiesterase A	<i>PDE3A</i>		
		Alpha-1B adrenergic receptor	<i>ADRA1B</i>		
		Beta-2 adrenergic receptor	<i>ADRB2</i>		
		Alpha-1D adrenergic receptor	<i>ADRA1D</i>		
		DNA topoisomerase II			
		Mu-type opioid receptor	<i>OPRM1</i>		
		Cell division protein kinase 2			
		Beta-lactamase	<i>LACTB</i>		
		Neuronal acetylcholine receptor protein, alpha-7 chain	<i>CHRNA7</i>		
		Ig gamma-1 chain C region			
		Proto-oncogene serine/threonine-protein kinase Pim-1	<i>Pim1</i>		
		Cyclin-A2	<i>CCNA2</i>		
Nuclear receptor coactivator 2	<i>NCOA2</i>				
Nuclear receptor coactivator 1	<i>NCOA1</i>				
MOL006936	10,13-eicosadienoic	Prostaglandin G/H synthase 1	<i>PTGS1</i>		
		Nuclear receptor coactivator 2	<i>NCOA2</i>		
MOL006937	12,13-epoxy-9-hydroxynonadeca-7,10-dienoic acid				
MOL006957	(3S,6S)-3-(benzyl)-6-(4-hydroxybenzyl)piperazine-2,5-quinone	Androgen receptor	<i>AR</i>		
		Prostaglandin G/H synthase 2	<i>PTGS2</i>		
		Beta-2 adrenergic receptor	<i>ADRB2</i>		
		Calmodulin			
MOL003578	Cycloartenol	Mineralocorticoid receptor	<i>NR3C2</i>		
MOL006967	beta-D-Ribofuranoside, xanthine-9	Purine nucleoside phosphorylase	<i>PNP</i>		
		Prostaglandin G/H synthase 2	<i>PTGS2</i>		
		Purine nucleoside phosphorylase deoD-type			

This table 1 was created by the authors and the contents of the table were obtained from open access databases, with Mol ID, Molecule Name, and Target sourced from TCMSp, Gene symbol from UniProt database. RP, raw *Pinellia ternate*.