

SUPPLEMENTARY TABLE 1. IUPAC names of G compounds

G name	IUPAC chemical name
G2	3-(3-amino-4-hydroxyphenyl) propanoic acid
G3	3-[3-(acetylamino)-4-hydroxyphenyl] propanoic acid
G4	3-[3-(benzoylamino)-4-hydroxyphenyl] propanoic acid
G5	(+/-)-N-(1-oxaspiro[4.5]deca-6,9-dien-2,8-dion-7-yl) acetamide
G6	(+/-)-N-(1-oxaspiro[4.5]deca-6,9-dien-2,8-dion-7-yl) benzamide
G7	(2S)-3-(3-amino-4-hydroxyphenyl)-2-{[(4-methylphenyl)sulfonyl]amino} propanoic acid
G8	(2S)-3-(4-hydroxyl-3-nitrophenyl)-2-{[(4-methylphenyl)sulfonyl]amino} propanoic acid
G9	(2S)-3-[3(acetylamino)-4-hydroxylphenyl]-2-{[(4-methylphenyl)sulfonyl] amino} propanoic acid
G10	(2S)-3-[3(benzoylamino)-4-hydroxylphenyl]-2-{[(4-methylphenyl)sulfonyl] amino} propanoic acid
G11	(+)-N-((3S)-3-{[(4-methylphenyl)sulfonyl]amino}-(1R)-oxaspiro[4.5]deca-6,9-dion-2,8-dien-7-yl) acetamide
G12	(+)-N-((3S)-3-{[(4-methylphenyl)sulfonyl]amino}-(1R)-oxaspiro[4.5]deca-6,9-dion-2,8-dien-7-yl) benzamide
G13	1-hydroxy-2-methoxy-4-(3-propanoic acid) anthracene
G14	7-Methoxy-1-oxaspiro[4.5]deca-6,9-diene-2,8-dione
G15	(±)-7-Methoxy-1-oxaspiro[4.5]deca-6,9-diene-8-one
G16	1-Oxaspiro[4.5]deca-6,9-diene-2,8-dione
G32	(±)-7-Methoxy-2- ⁱ propyl-1-oxaspiro[4.5]deca-6,9-diene-8-one
G44	(±)-2- ^t Butyl-7-methoxy-1-oxaspiro[4.5]deca-6,9-diene-8-one

SUPPLEMENTARY TABLE 2. DNA oligonucleotides for constructing *in vitro* transcription templates.

Transcript	Oligonucleotide sequence
YOL047c	5'AATTAATACGACTCACTATAGGGAACATGTCTTCTTC TAAACGTATTGCTAAAGAACTAAGTGATCTAGAAAG3' 5'GATATAGATCATCGCCGACTGGACCGGCTGAACATGA AGTAGGTGGATCTC3'
<i>UBC4</i>	5'AATTAATACGACTCACTATAGGGTTTGGAAAGACCTA GAGTCGTCGCAC3' 5'AGGAAAAATAGATGCAAATAATCCGAGTTTCCC3'