Supplementary Table S1.

Hydrophilic interaction liquid chromatography (HILIC)- electrospray ionization (ESI) tandem mass spectrometry (MS/MS) conditions

HILIC conditions			
Column	ZIC-HILIC 150 × 2.1 mm (internal diameter) 5 μm (particle size)		
Mobile phase A	Ammonium formate 10 mM (pH 3.0)		
Mobile phase B	Acetonitrile		
Gradient condition	time (min)	% mobile phase B	
	0	87	
	1	87	
	14	25	
	16	25	
	17	87	
	32	87	
Flow rate	150 μl/min		
Injection volume	5 μl		
Column temperature	Room temperature		
API 3000 MS/MS conditions			
	dopamine (MRM 154/137)	dopamine (MRM 154/91)	dopamine (MRM 154/65)
Polarity		ESI+	
Ion spray voltage (V)		5000	
Nebulizer gas		8	
Curtain gas		6	
Temperature (ºC)		450	
Collision activated dissociation gas		6	
Declustering potential (V)		50	
Focusing potential (V)		250	
Entrance potential (V)		10	
Collision energy (V)	10	30	50
Collision cell exit potential (V)	8	6	14
MRM transition	*m*/*z* 154→137	*m*/*z* 154→91	*m*/*z* 154→65