

**Supplementary Table S1.** Solvent gradient

<b>Time, min</b>	<b>% Acetonitrile</b>	<b>% Water</b>	<b>% of 0.1 % formic acid</b>
0	10	80	10
5	30	60	10
10	50	40	10
15	70	20	10
20	80	10	10
25	70	20	10
35	30	60	10
40	10	80	10