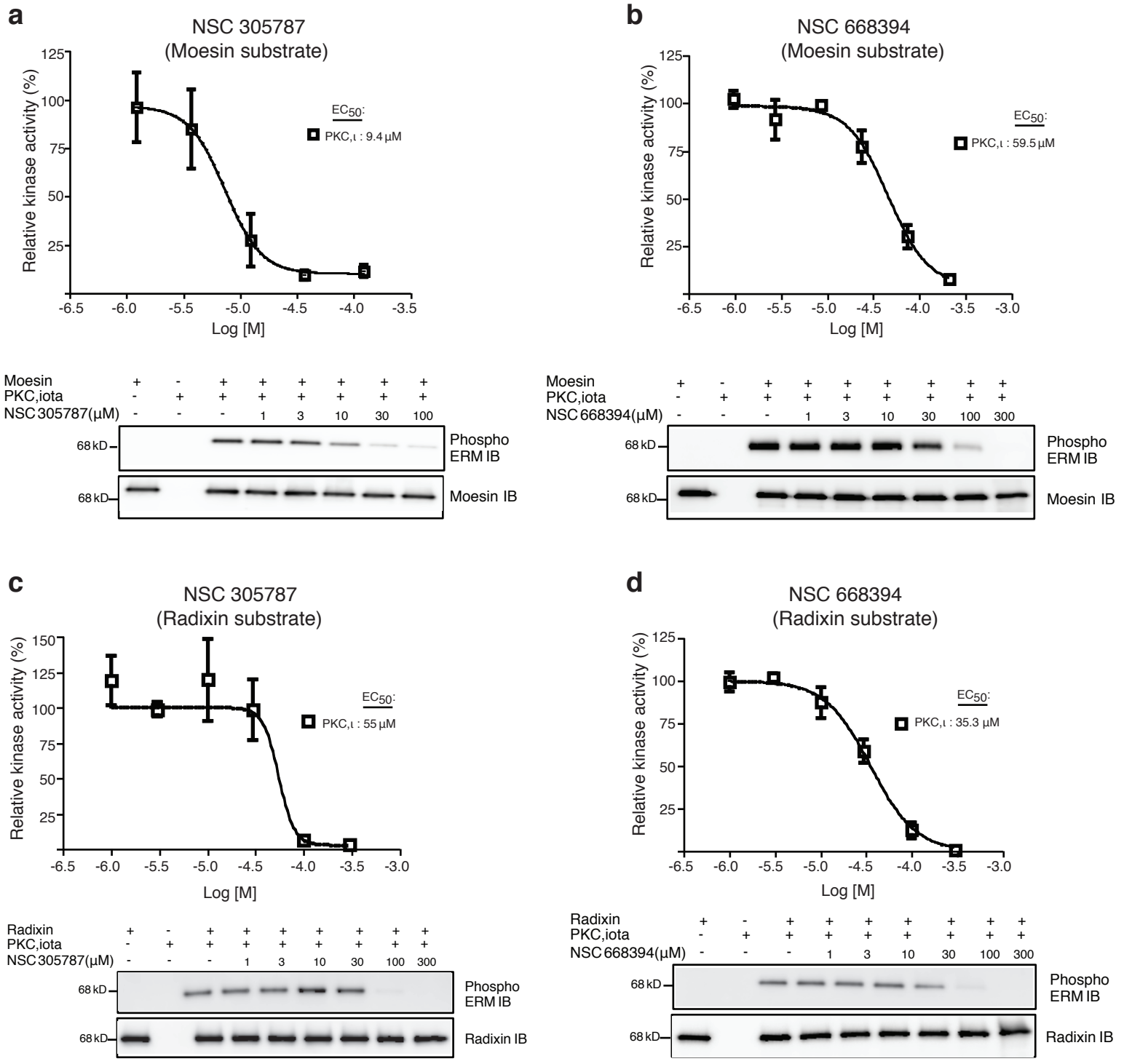
SI Figure 4


a
NSC 305787
(Moesin substrate)
Relative kinase activity (%)
125
100
75
50
25
-6.5
-6.0
-5.5
-5.0
-4.5
-4.0
-3.5
Log [M]
EC50:
PKC,ι : 9.4 μM
Moesin + - + + + + + +
PKC,iota - + + + + + + +
NSC 305787(μM) - - - 1 3 10 30 100
68 kD
Phospho ERM IB
68 kD
Moesin IB
b
NSC 668394
(Moesin substrate)
Relative kinase activity (%)
125
100
75
50
25
-6.5
-6.0
-5.5
-5.0
-4.5
-4.0
-3.5
-3.0
Log [M]
EC50:
PKC,ι : 59.5 μM
Moesin + - + + + + + + +
PKC,iota - + + + + + + + +
NSC 668394(μM) - - - 1 3 10 30 100 300
68 kD
Phospho ERM IB
68 kD
Moesin IB
c
NSC 305787
(Radixin substrate)
Relative kinase activity (%)
150
125
100
75
50
25
-6.5
-6.0
-5.5
-5.0
-4.5
-4.0
-3.5
-3.0
Log [M]
EC50:
PKC,ι : 55 μM
Radixin + - + + + + + + +
PKC,iota - + + + + + + + +
NSC 305787(μM) - - - 1 3 10 30 100 300
68 kD
Phospho ERM IB
68 kD
Radixin IB
d
NSC 668394
(Radixin substrate)
Relative kinase activity (%)
125
100
75
50
25
-6.5
-6.0
-5.5
-5.0
-4.5
-4.0
-3.5
-3.0
Log [M]
EC50:
PKC,ι : 35.3 μM
Radixin + - + + + + + + +
PKC,iota - + + + + + + + +
NSC 668394(μM) - - - 1 3 10 30 100 300
68 kD
Phospho ERM IB
68 kD
Radixin IB