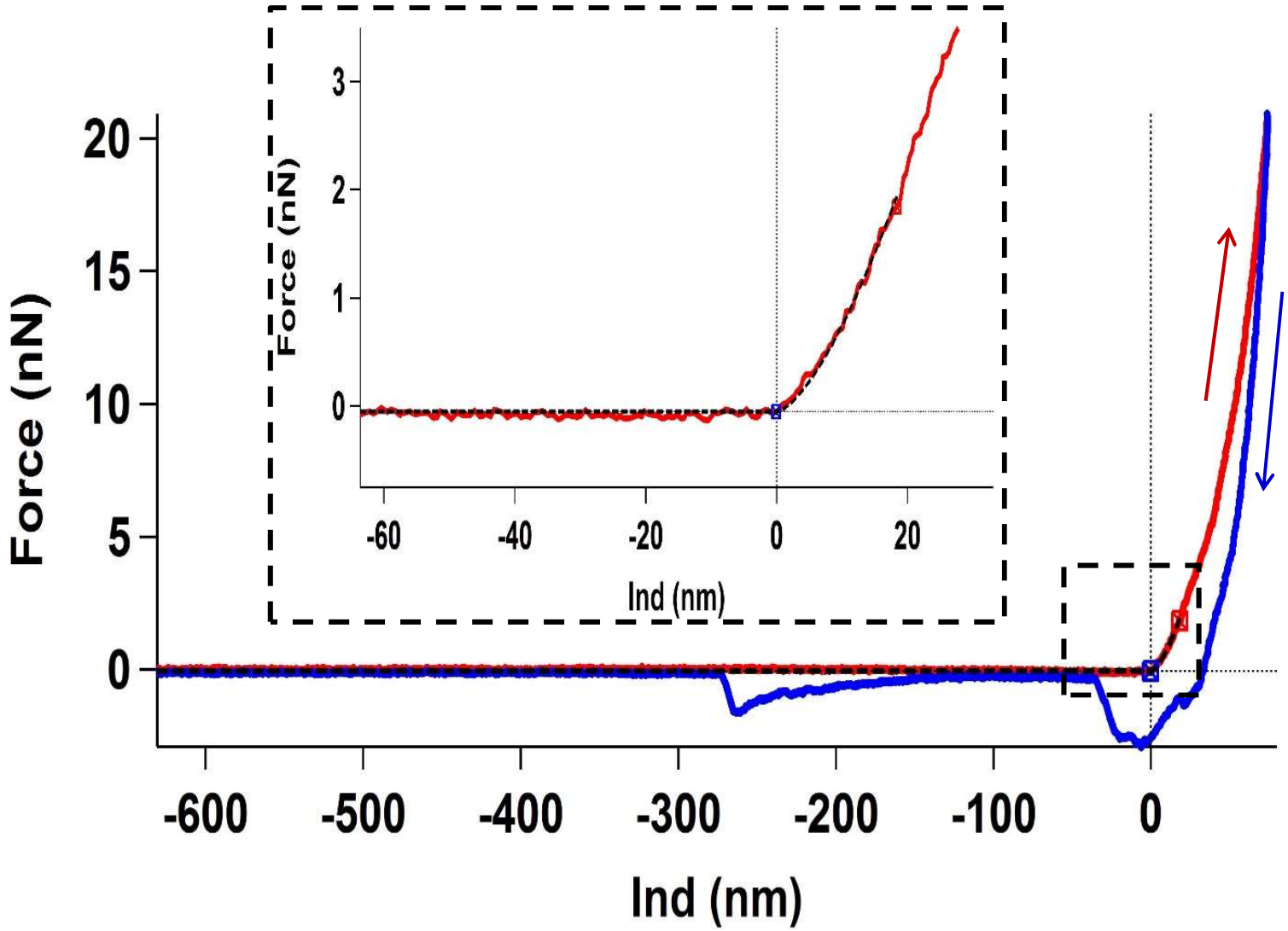
**Supp.2**


Force (nN)
20
15
10
5
0
-600
-500
-400
-300
-200
-100
0
Ind (nm)
Force (nN)
3
2
1
0
-60
-40
-20
0
20
Ind (nm)