**Passive Total Lithium Intake** 140 0 PS120, [Li+]<sub>out</sub>=15mM  $k_7 = 0.005 \pm 0.001 \text{ mn}^{-1}$ 120 PS120, [Li+]<sub>out</sub>=120mM  $k_7 = 0.0026 \pm 0.0001 \text{ mn}^{-1}$ 100 NHE1, [Li<sup>+</sup>]<sub>out</sub>=15mM  $k_7 = 0.009 \pm 0.0015 \text{mn}^{-1}$ [Li+]/mM 80 NHE1,  $[Li^+]_{out}$ =120mM  $k_7$ =0.0044±0.0001mn<sup>-1</sup> 60 40 20 0 60 10 20 30 40 50 time/mn