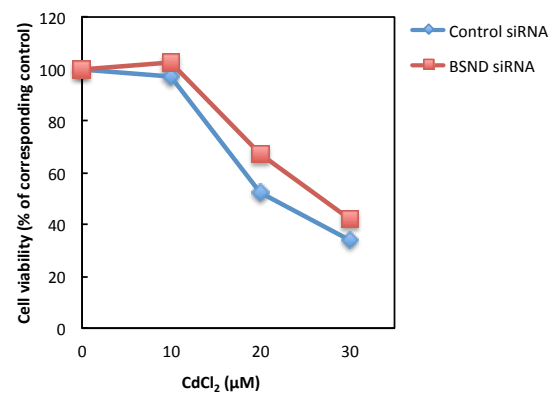
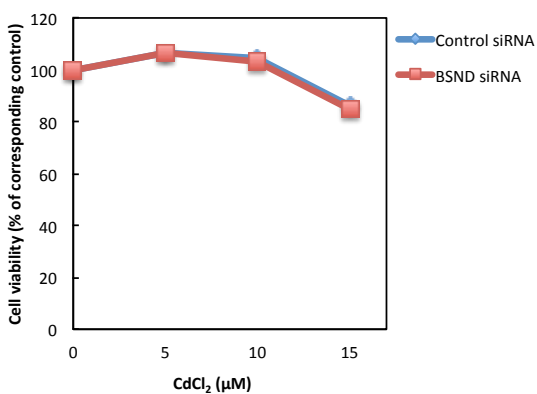
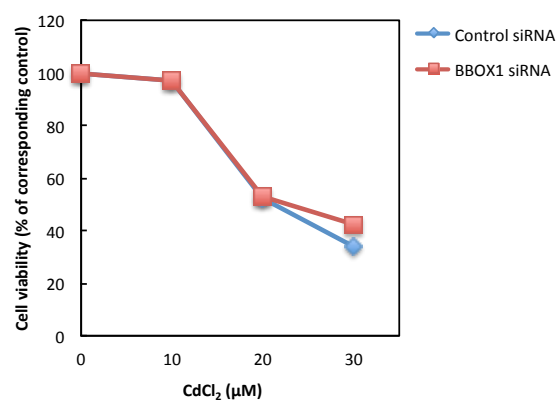
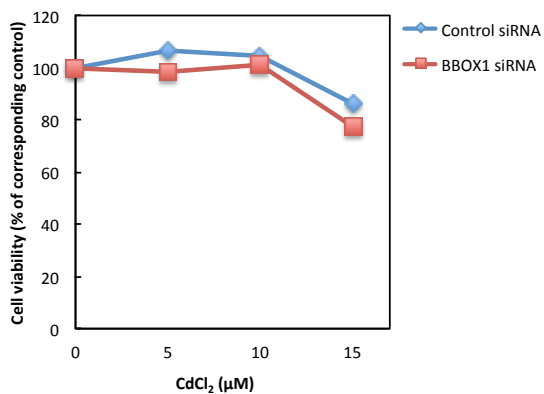
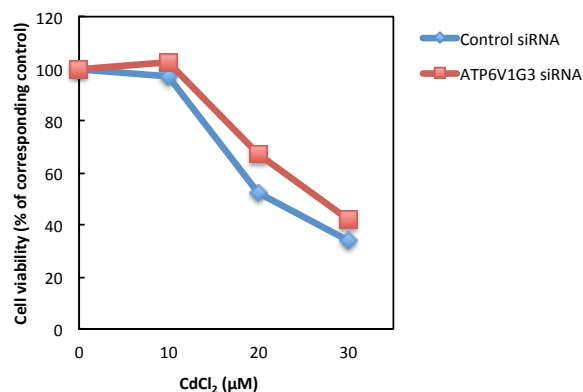
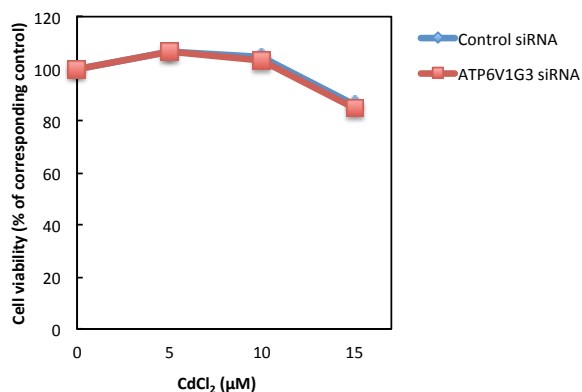
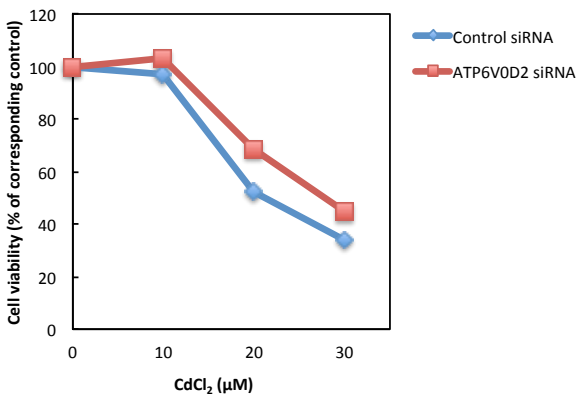
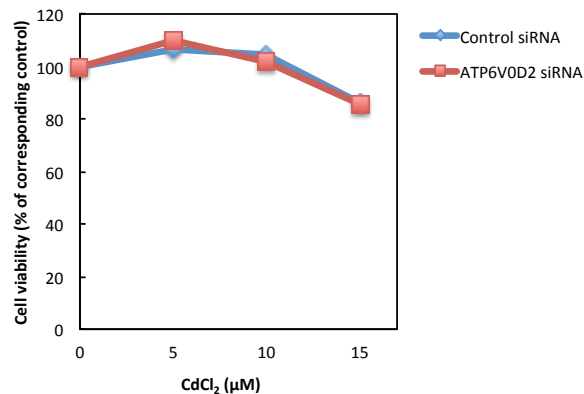
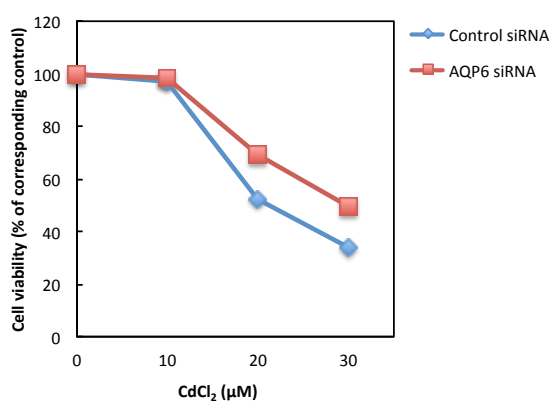
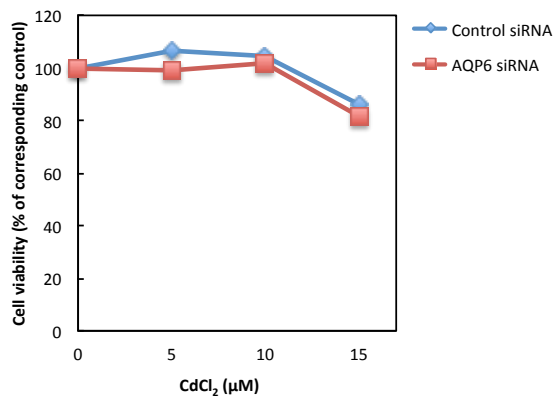
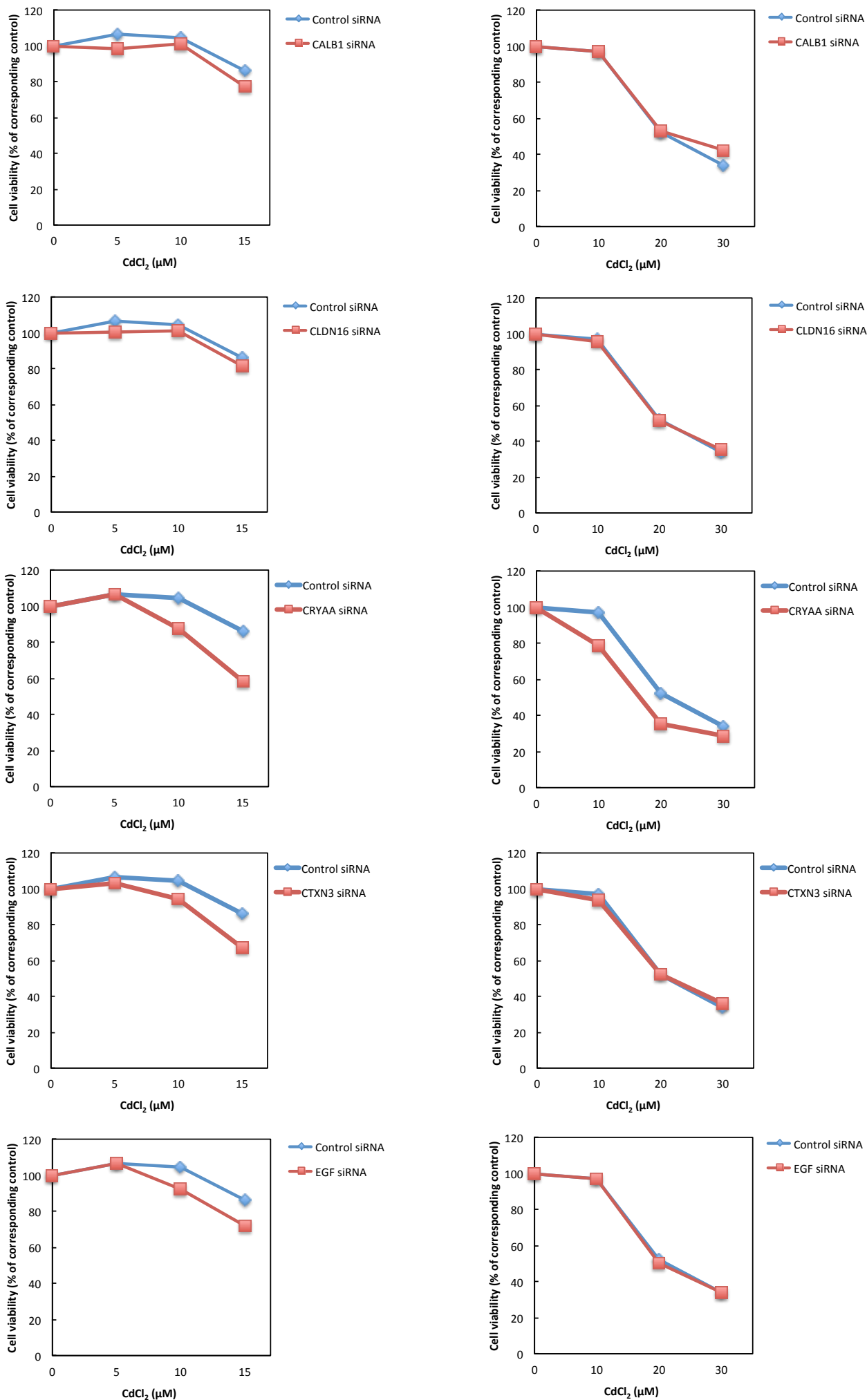


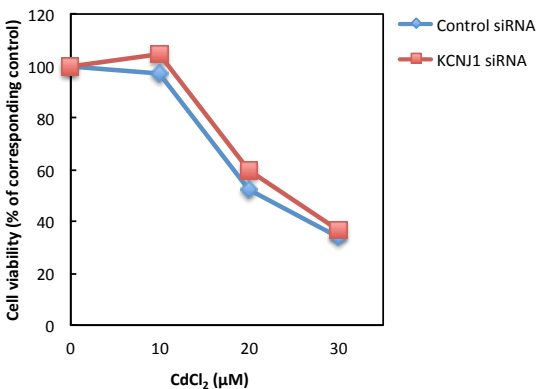
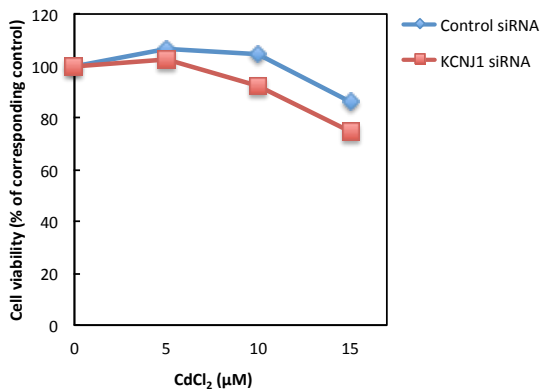
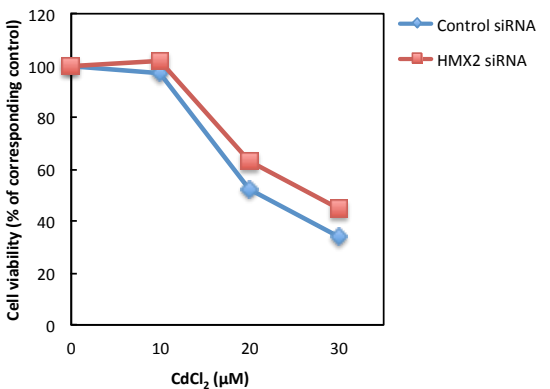
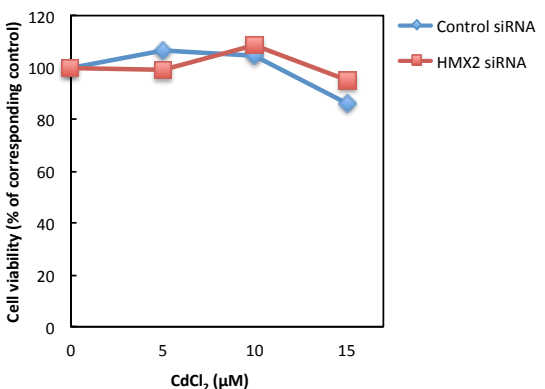
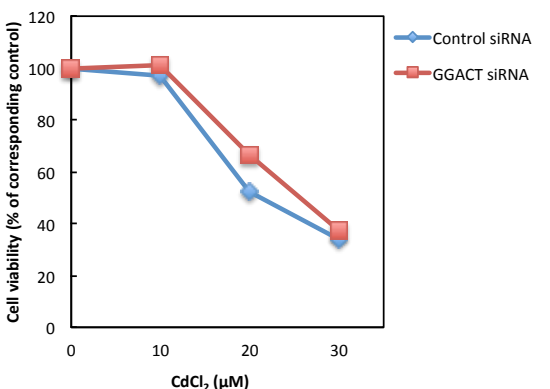
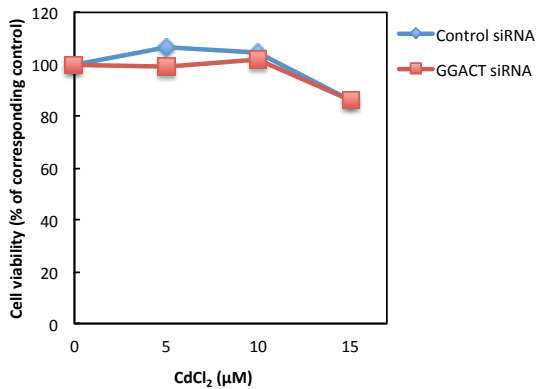
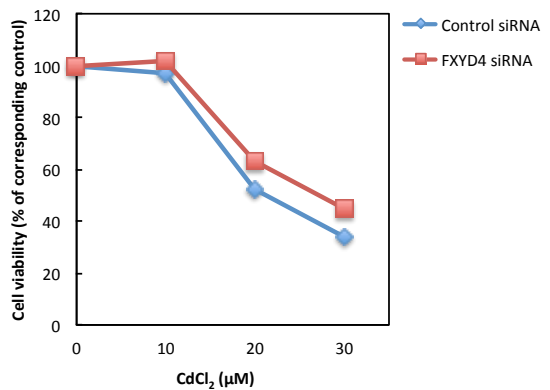
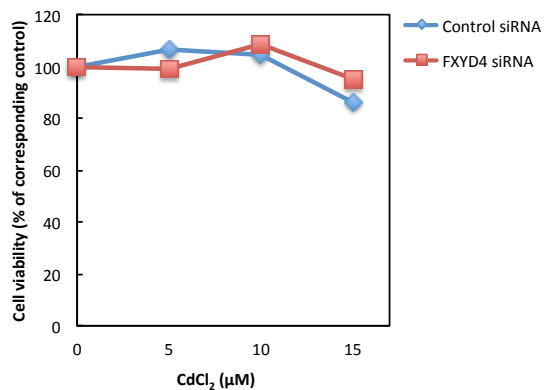
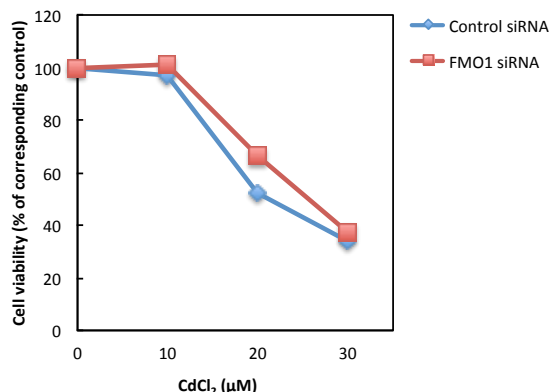
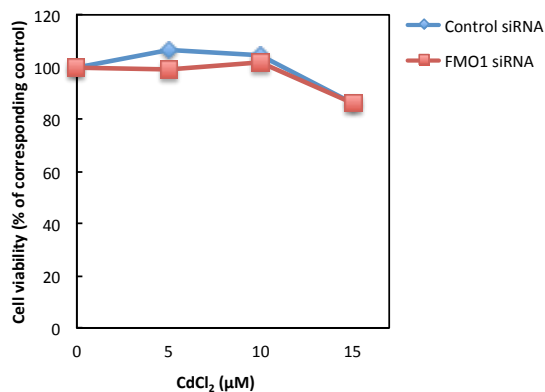
Supplementary Fig. 1 (1) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



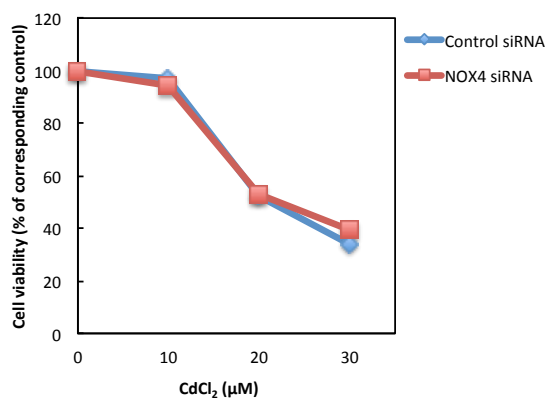
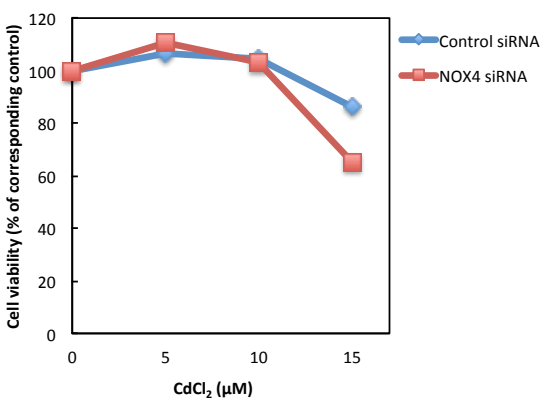
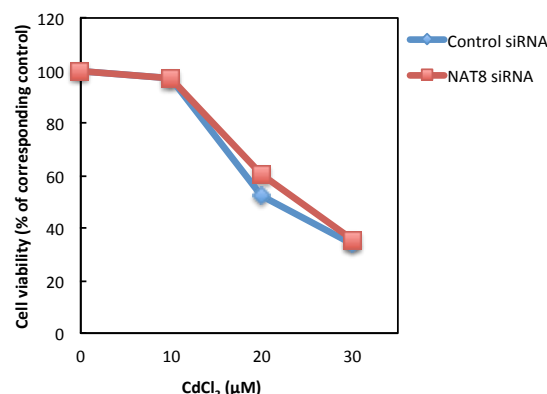
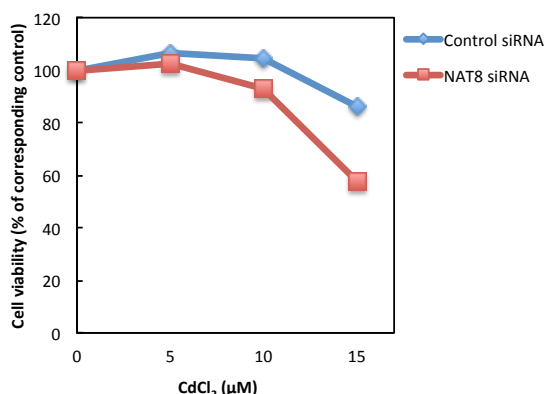
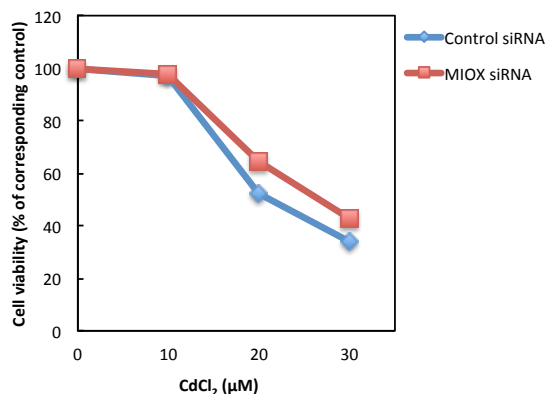
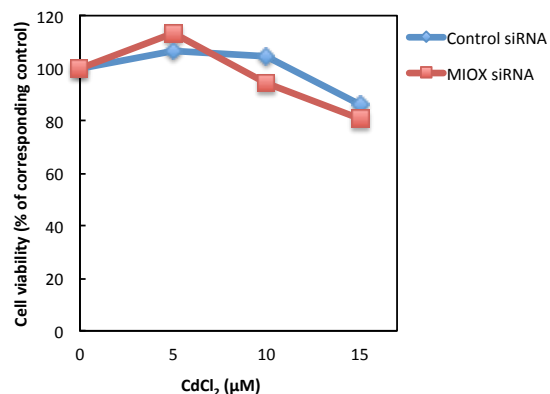
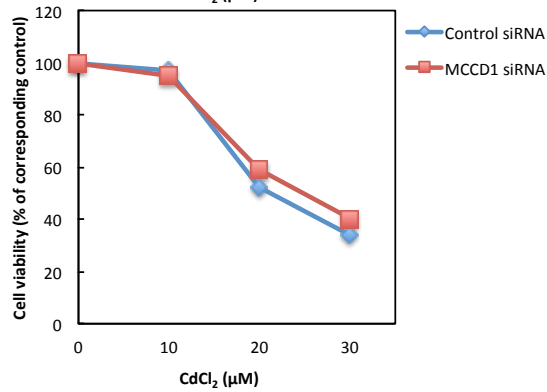
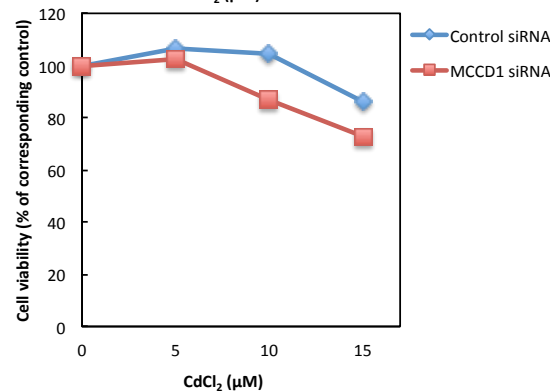
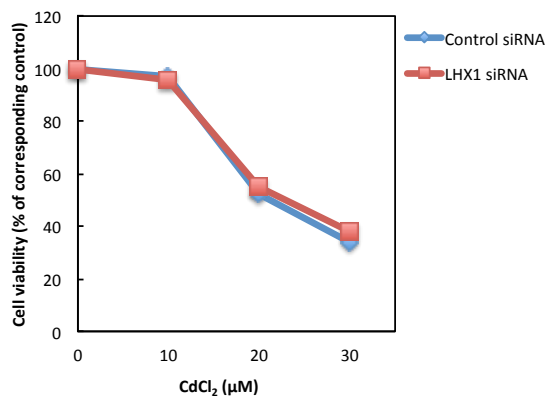
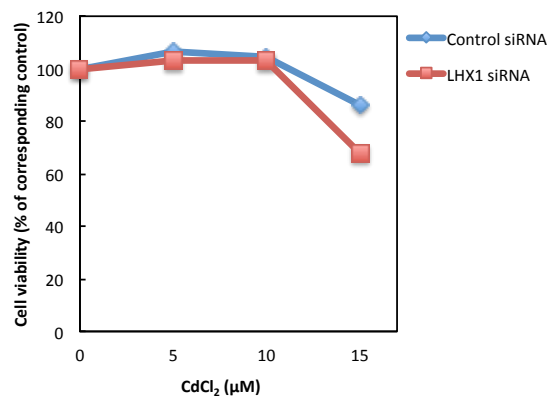
Supplementary Fig. 1 (2) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



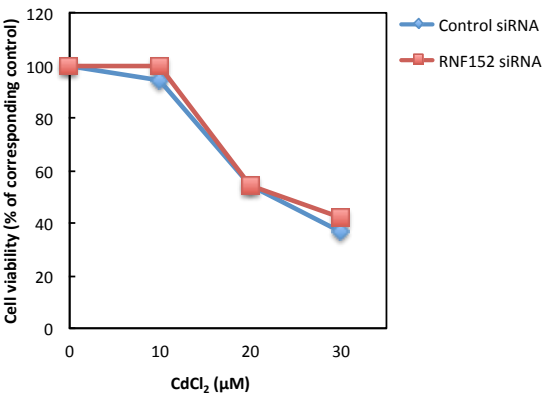
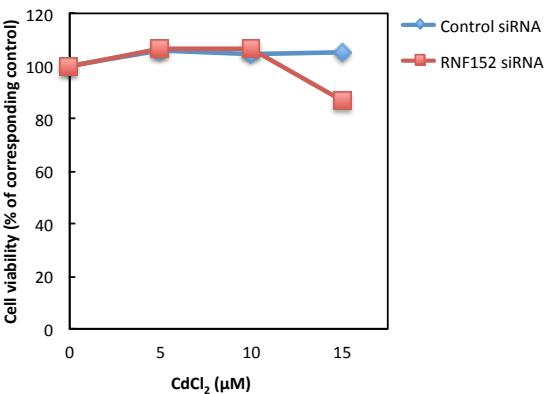
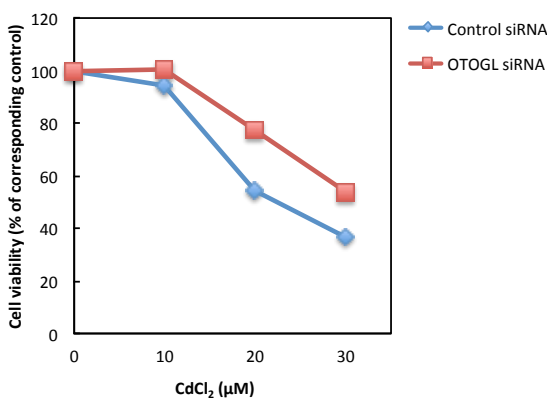
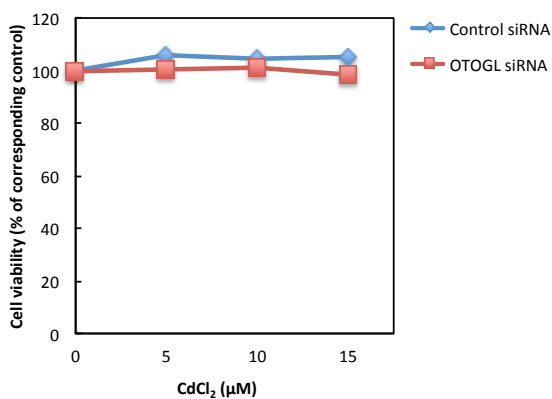
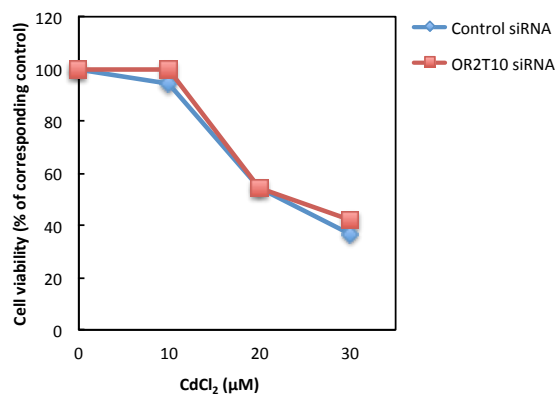
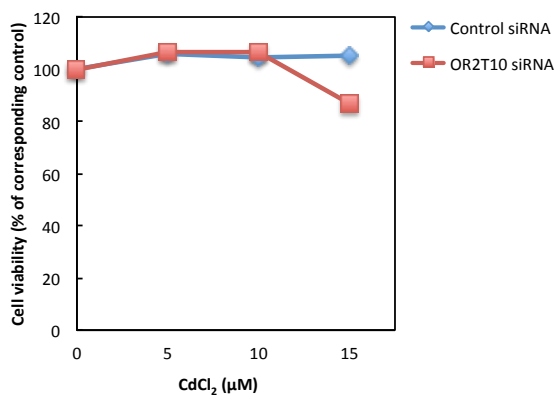
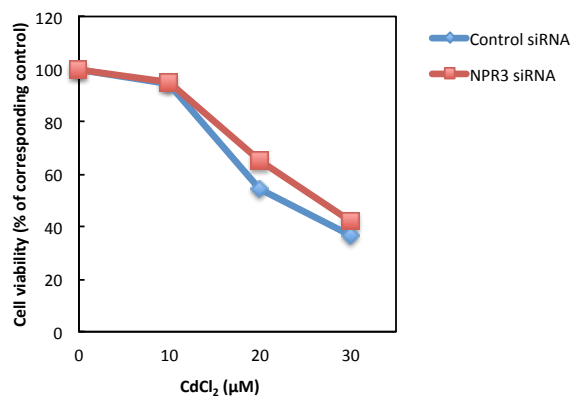
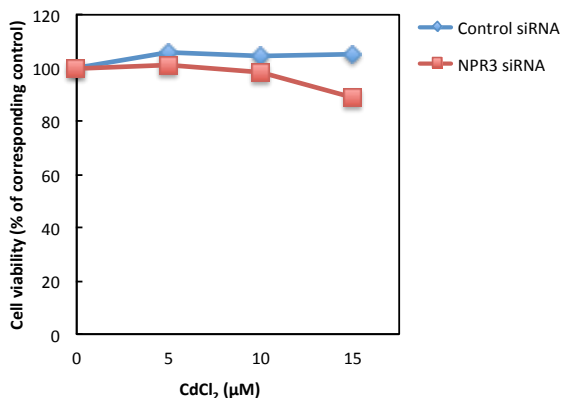
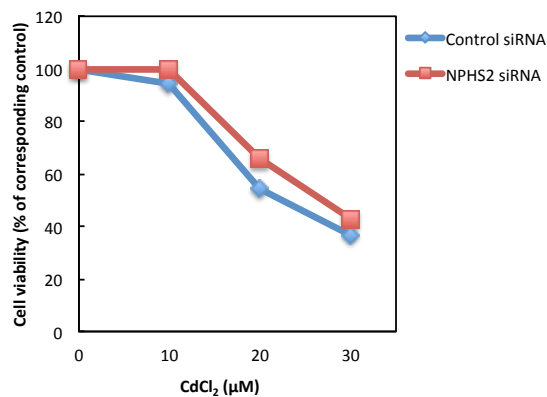
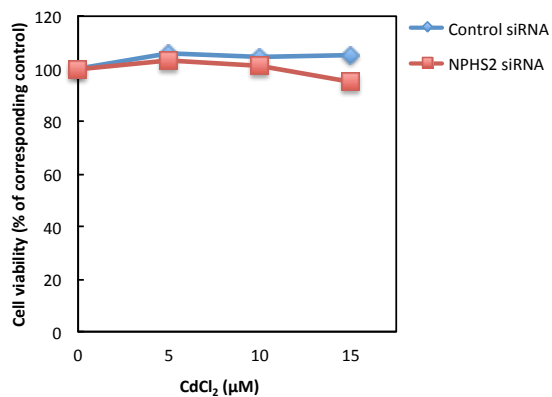
Supplementary Fig. 1 (3) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



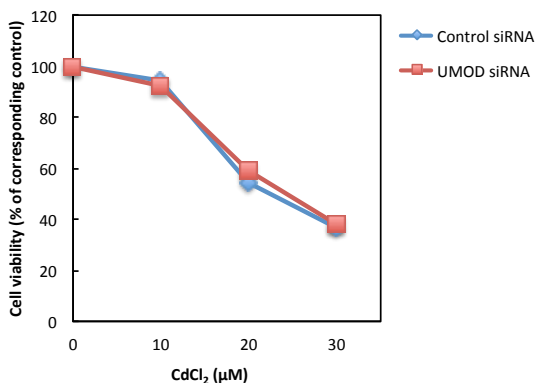
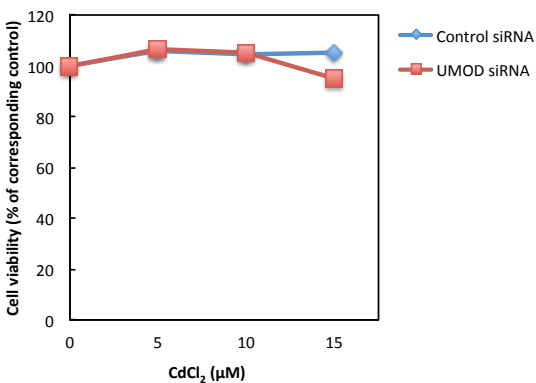
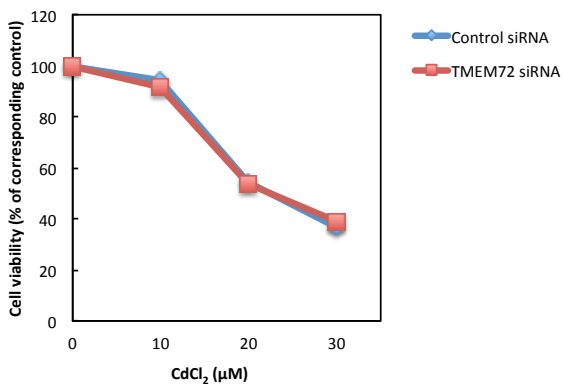
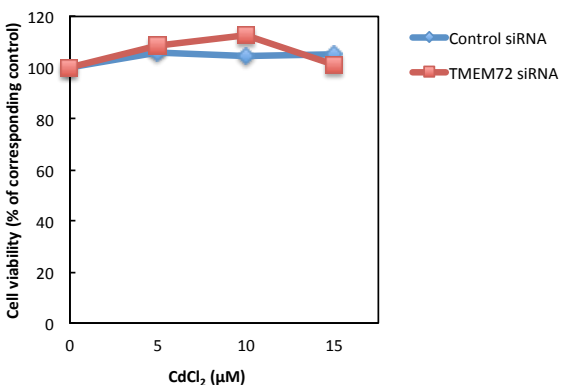
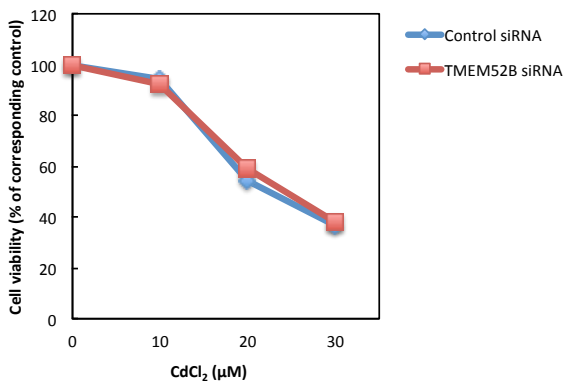
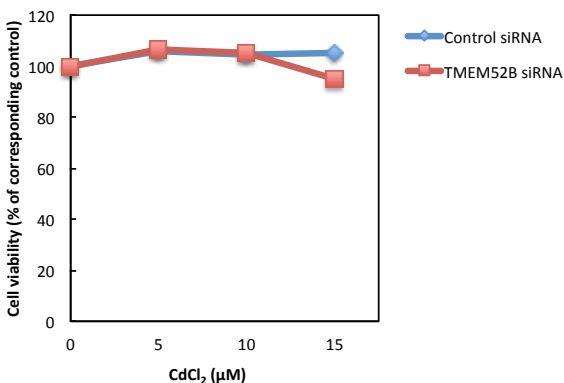
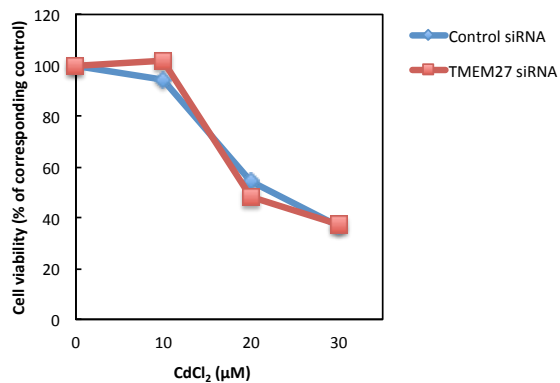
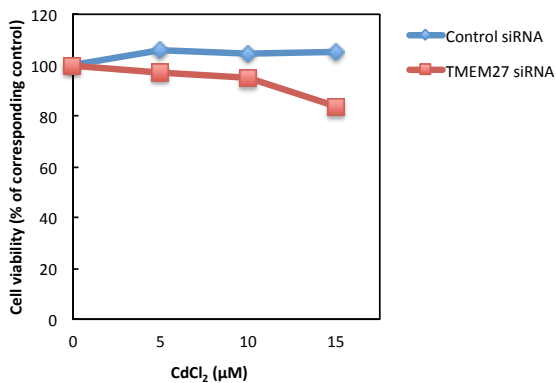
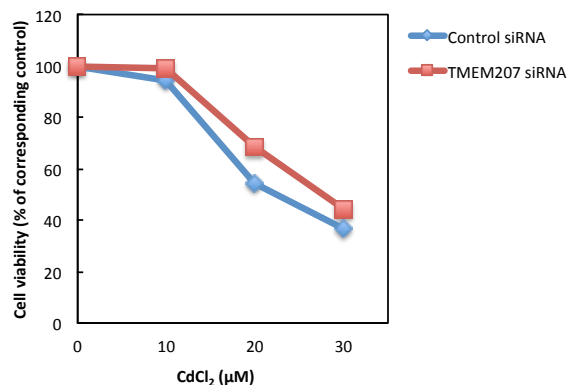
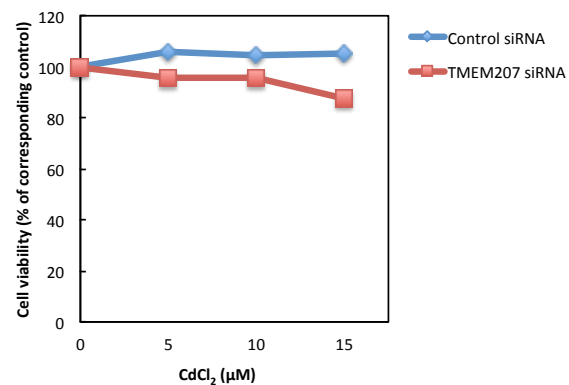
Supplementary Fig. 1 (4) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



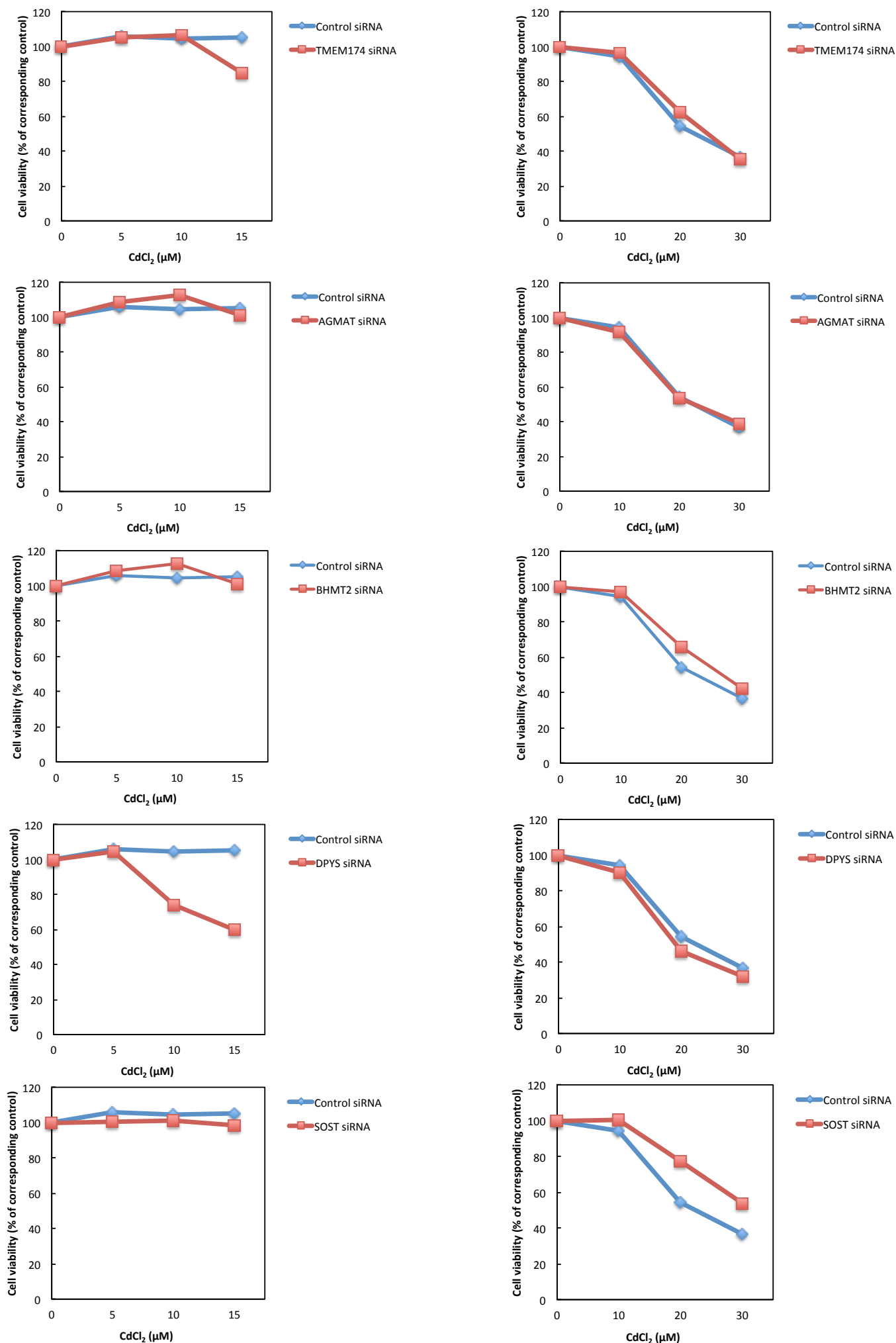
Supplementary Fig. 1 (5) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



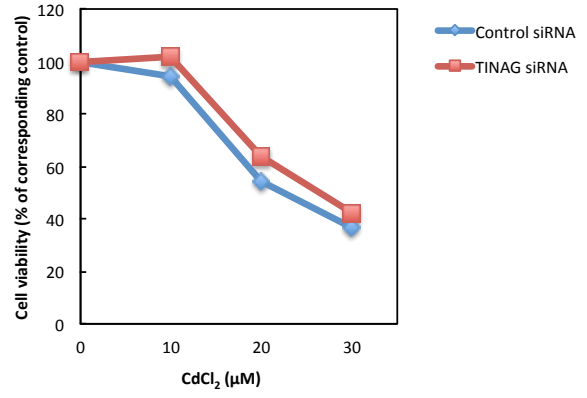
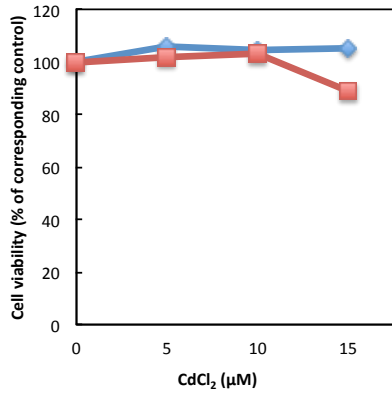
Supplementary Fig. 1 (6) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



Supplementary Fig. 1 (7) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



Supplementary Fig. 1 (8) The primary screening on the Cd sensitivity by siRNA treatment against the genes highly expressed in the kidney. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay.



Supplementary Fig. 2 Effect of the treatment with siRNAs on the viability of HK-2 cells exposed to Cd. After treatment with siRNA for 48 h, HK-2 cells were treated with Cd for 12 h. Cell viability was examined with an alamarBlue® assay. Values are means \pm SD (n = 5). *Significantly different from the corresponding control group, $P < 0.05$.

