Supplemental data

Figure S1  Dose-response curves of PR-B transfection amount on activity of MMTV-Luciferase reporter in HeLa cells. (A) Human PR-B shows a steep increase but lower maximal activity. (B) Mouse PR-B shows a slower increase but a higher maximal activity. From these data, it was decided to use 0.5 μg of mouse PR-B expression construct and 0.1 μg of human PR-B expression construct for the co-transfection experiments with PR-A (see Figure 1).

Figure S2  Activity of estrogen response elements fused to Luciferase reporter genes (SwitchGear Genomics) in human myometrial cells. Plasmids 1–8 are estrogen responsive, plasmids 9 and 10 are control reporters. (A) Relative effect of estradiol (E2). Note that plasmid #8 has the strongest response. (B) Effect of the addition of ER-α expression construct on reporter activity. Note that plasmid #8 also has the strongest response to ER-α.

Figure S3  Effect of PR-A on estradiol (E2) inducibility of reporter plasmid #8 in human myometrial cells. The effects of PR-A on ER-α are modest compared to that on PR-B (see Figure 1) and there is no detectable difference between mouse and human PR-A.