$$\frac{P \to P'}{P \mid Q \to P' \mid Q} \quad (\textsc{Par})$$

$$\frac{P \to P'}{(\mathsf{new}\ x)P \to (\mathsf{new}\ x)P'} \quad (\textsc{New})$$

$$\frac{P \equiv P' \qquad P' \to Q' \qquad Q' \equiv Q}{P \to Q} \quad (\textsc{Equiv})$$