$$\frac{\text{OUT-BARB}}{x \equiv_N y} \qquad \frac{\text{PAR-BARB}}{P \vdash x \text{ or } Q \vdash x}$$
$$\frac{x \equiv_N y}{y!\langle Q \rangle \vdash x} \qquad \frac{P \vdash x \text{ or } Q \vdash x}{P|Q \vdash x}$$