

$$\begin{array}{c}
\frac{s_2 \vdash s_4 \quad np_3 \vdash np_0}{np_5 \vdash np_8 \quad (s_2 \otimes np_0) \vdash (s_4 \otimes np_3)} \circ \\
\frac{(np_8 \otimes (s_2 \otimes np_0)) \vdash (np_5 \otimes (s_4 \otimes np_3))}{(s_2 \otimes np_0) \vdash (np_8 \oplus (np_5 \otimes (s_4 \otimes np_3)))} \circ \\
\frac{s_2 \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)}{s_2 \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)} \blacktriangleleft' \\
\frac{s_6 \vdash s_1}{(s_2/s_1) \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)/s_6)} / \\
\frac{((s_2/s_1) \otimes s_6) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)}{((s_2/s_1) \otimes s_6) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)} \blacktriangleright' \\
\frac{s_9 \vdash s_7 \quad s_6 \vdash ((s_2/s_1) \setminus ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0))}{(s_7 \setminus s_6) \vdash (s_9 \setminus ((s_2/s_1) \setminus ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)))} \blacktriangleleft \\
\frac{(s_9 \otimes (s_7 \setminus s_6)) \vdash ((s_2/s_1) \setminus ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0))}{(s_9 \otimes (s_7 \setminus s_6)) \vdash ((s_2/s_1) \setminus ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0))} \blacktriangleleft' \\
\frac{(s_9 \otimes (s_7 \setminus s_6)) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2/s_1) \setminus np_0))}{(s_9 \otimes (s_7 \setminus s_6)) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2/s_1) \setminus np_0))} \otimes^* \\
\frac{s_9 \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2/s_1) \setminus np_0)) / (s_7 \setminus s_6))}{s_9 \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2/s_1) \setminus np_0)) / (s_7 \setminus s_6))} \blacktriangleright \\
\frac{s_9 \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6)) \oplus ((s_2/s_1) \setminus np_0))}{s_9 \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6)) \oplus ((s_2/s_1) \setminus np_0))} \otimes^* \\
\frac{(s_9 \otimes ((s_2/s_1) \setminus np_0)) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6))}{(s_9 \otimes ((s_2/s_1) \setminus np_0)) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6))} \blacktriangleright \\
\frac{(s_9 \otimes ((s_2/s_1) \setminus np_0)) \vdash ((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3)))}{(s_9 \otimes ((s_2/s_1) \setminus np_0)) \vdash ((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3)))} \otimes^* \\
\frac{s_9 \vdash (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2/s_1) \setminus np_0))}{s_9 \vdash (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2/s_1) \setminus np_0))} \blacktriangleright'
\end{array}$$

$\lambda y_5. (\forall \lambda y_0. (\exists \lambda y_3. (y_5 ((\mathbf{teases} \ y_0) \ y_3))))$

$$\begin{array}{c}
\frac{s_2 \vdash s_7 \quad s_6 \vdash s_4}{(s_7 \setminus s_6) \vdash (s_2 \setminus s_4)} \setminus \\
\frac{(s_2 \otimes (s_7 \setminus s_6)) \vdash s_4 \quad np_3 \vdash np_0}{(s_2 \otimes (s_7 \setminus s_6)) \otimes np_0 \vdash (s_4 \otimes np_3)} \triangleleft' \\
\frac{np_5 \vdash np_8 \quad ((s_2 \otimes (s_7 \setminus s_6)) \otimes np_0) \vdash (s_4 \otimes np_3)}{(np_8 \otimes ((s_2 \otimes (s_7 \setminus s_6)) \otimes np_0)) \vdash (np_5 \otimes (s_4 \otimes np_3))} \otimes \\
\frac{((s_2 \otimes (s_7 \setminus s_6)) \otimes np_0) \vdash (np_8 \oplus (np_5 \otimes (s_4 \otimes np_3)))}{(s_2 \otimes (s_7 \setminus s_6)) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)} \triangleleft' \\
\frac{(s_2 \otimes (s_7 \setminus s_6)) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)}{s_2 \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0) / (s_7 \setminus s_6))} \triangleright \\
\frac{s_2 \vdash (((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6)) \oplus np_0)}{s_2 \otimes np_0 \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6))} \otimes^* \\
\frac{(s_2 \otimes np_0) \vdash ((np_8 \oplus (np_5 \otimes (s_4 \otimes np_3))) / (s_7 \setminus s_6))}{(s_2 \otimes np_0) \vdash ((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3)))} \otimes^* \\
\frac{s_2 \vdash (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)}{s_2 / s_1 \vdash (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0) / s_9} \triangleright' \\
\frac{((s_2 / s_1) \otimes s_9) \vdash (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0)}{s_9 \vdash ((s_2 / s_1) \setminus (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0))} \triangleleft \\
\frac{s_9 \vdash ((s_2 / s_1) \setminus (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus np_0))}{s_9 \vdash (((np_8 / (s_7 \setminus s_6)) \oplus (np_5 \otimes (s_4 \otimes np_3))) \oplus ((s_2 / s_1) \setminus np_0))} \otimes^*
\end{array}$$

$\lambda y_5. (\exists \lambda y_3. (\forall \lambda z_2. (y_5 ((\mathbf{teases} \ z_2) \ y_3))))$