Supplementary Table 1. Placental pathology and virology findings

|  |  |  |  |
| --- | --- | --- | --- |
|  | Case 1 | Case 2 | Case 3 |
| Placental weight (g) | 260g | 286g | 374g |
| Placental weight percentile for gestational age\* | <10th | ~10th | <10th |
| Microscopic findings | * SARS-CoV-2 placentitis
* Meconium pigment
* Plasma cell deciduitis
 | * SARS-CoV-2 placentitis
 | * SARS-CoV-2 placentitis
* Meconium pigment
* Mild acute chorioamnionitis
 |
| Other gross findings | * Intervillous thrombi
 | * None
 | * Intervillous thrombi
* Green discolored membranes
* Long umbilical cord (84cm)
 |
| SARS-CoV-2 identified by RNA-ISH in syncytiotrophoblasts | * Yes
 | * Yes
 | * Yes
 |
| SARS-CoV-2 placental viral load (log10 per ng total RNA) | 5.4 (maternal)6.2 (fetal) | 5.1† | 3.3 (maternal)3.6 (fetal) |
| SARS-CoV-2 variant identified  | B.1.617.2 | B.1.617.2 | B.1.617.2 |

RNA-ISH: RNA *in situ* hybridization. \*Reference values for placental weight by gestational age from Pinar et al [46]. †Single placental biopsy taken at delivery institution; maternal vs fetal side not specified.