**Supplemental Digital Content 2.** Statistical results (*P*-value) from the linear regression of the pH, proteolysis, general protease activity, pepsin/cathepsin D activity across **postnatal age** in human milk, milkinc and in gastric contents for **preterm infants**1. Pearson correlation coefficient (r) is included when the *P*-value is < 0.1.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Milk | Milkinc | Stomach |
| Protein concentration | 0.78 | N/A | 0.94 |
| pH | 0.22 | N/A | 0.071 (r = -0.46) |
| Proteolysis | 0.48 | 0.24 | 0.15 |
| General protease activity | 0.96 | 0.24  | 0.37 |
| Pepsin/cathepsin activity | – | 0.23 | 0.12 |

**1** Paired milk and gastric samples were collected in preterm infants (24–32 wk of gestational age, 5–42 days of postnatal age). Values are *P*-value for N = 16 for postnatal age via regression linear models.–, not detectable;r, Pearson correlation coefficient. N/A, not applicable.