

**Supplementary Table 1 Serology test results at diagnosis and during follow-up**

|  | Follow-up <sup>1</sup>                            |           |           |            |
|--|---|-----------|-----------|------------|
|  | At diagnosis, n < 12 mo, n 12-24 mo, n > 24 mo, n |           |           |            |
|  | (%)   | (%)       | (%)       | (%)        |
| <b>Serology test results</b>                 |   |           |           |            |
| Tissue transglutaminase antibodies (tTG-IgA) |   |           |           |            |
| N  | 269   | 153       | 128       | 129        |
| High   | 238 (88.5)  | 85 (55.6) | 43 (33.6) | 25 (19.4)  |
| Normal                                       | 29 (10.8)   | 68 (44.4) | 85 (66.4) | 104 (80.6) |
| Low  | 1 (0.4)   | 0 (0)     | 0 (0)     | 0 (0)      |
| Unknown                                      | 1 (0.4)   | 0 (0)     | 0 (0)     | 0 (0)      |
| IgA endomysial antibody                      |   |           |           |            |
| N  | 101   | 52        | 35        | 40         |
| High   | 88 (87.1)   | 26 (50.0) | 7 (20.0)  | 6 (15.0)   |
| Normal                                       | 12 (11.9)   | 26 (50.0) | 28 (80.0) | 34 (85.0)  |
| Low  | 0 (0)   | 0 (0)     | 0 (0)     | 0 (0)      |
| Unknown                                      | 1 (1)   | 0 (0)     | 0 (0)     | 0 (0)      |
| Total serum IgA                              |   |           |           |            |
| N  | 113   | 65        | 45        | 43         |
| High   | 13 (11.5)   | 10 (15.4) | 9 (20.0)  | 7 (16.3)   |
| Normal                                       | 94 (83.2)   | 53 (81.5) | 34 (75.6) | 36 (83.7)  |
| Low  | 6 (5.3)   | 2 (3.1)   | 2 (4.4)   | 0 (0)      |
| Unknown                                      | 0 (0)   | 0 (0)     | 0 (0)     | 0 (0)      |
| Deamidated gliadin peptide (IgA)             |   |           |           |            |
| N  | 32  | 32        | 24        | 32         |
| High   | 11 (34.4)   | 8 (25.0)  | 3 (12.5)  | 4 (12.5)   |
| Normal                                       | 21 (65.6)   | 24 (75.0) | 21 (87.5) | 28 (87.5)  |
| Low  | 0 (0)   | 0 (0)     | 0 (0)     | 0 (0)      |
| Unknown                                      | 0 (0)   | 0 (0)     | 0 (0)     | 0 (0)      |

| Deamidated gliadin peptide (IgG)     |           |           |           |           |
|--------------------------------------|-----------|-----------|-----------|-----------|
| N                                    | 57        | 42        | 47        | 51        |
| High                                 | 34 (59.6) | 14 (33.3) | 7 (14.9)  | 9 (17.6)  |
| Normal                               | 23 (40.4) | 28 (66.7) | 39 (83.0) | 42 (82.4) |
| Low                                  | 0 (0)     | 0 (0)     | 1 (2.1)   | 0 (0)     |
| Unknown                              | 0 (0)     | 0 (0)     | 0 (0)     | 0 (0)     |
| Deamidated gliadin peptide (IgA-IgG) |           |           |           |           |
| N                                    | 14        | 21        | 20        | 27        |
| High                                 | 12 (85.7) | 14 (66.7) | 8 (40.0)  | 6 (22.2)  |
| Normal                               | 2 (14.3)  | 7 (33.3)  | 12 (60.0) | 18 (66.7) |
| Low                                  | 0 (0)     | 0 (0)     | 0 (0)     | 3 (11.1)  |
| Unknown                              | 0 (0)     | 0 (0)     | 0 (0)     | 0 (0)     |

<sup>1</sup>Considered only the last serology results available in each of the time intervals.

Ig: Immunoglobulin.