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| **I: Tumour morphology phenotypes*****A****:* ***Degree of keratinization in HNSCCs (%)***1: 0-5%2: 5-20%3: 20-50%4: >50%***B: Fraction maturing cells (%)***1: <25%2: 25-50 %3: 50-75%4: >75%***C: Tumour stromal invasion pattern***1: None/little: Invasive with mainly pushing borders2: Some: Invasive with larger tumour strands and nodules 3: Moderate: Invasive with small tumour strands and nodules4: Extensive: Invasive with smaller tumour strands, islands and single cells | **Score**123412341234 |
| **II: Tumour host response patterns*****D: Inflammatory response*** 1: Extensive 2: Moderate3: Some 4: None/little***E: Stromal fibroblastic response (desmoplasia)***1: None/little2: Some3: Moderate4: Extensive | 12341234 |

Supplementary Table 1. A scoring system for tumour morphology phenotypes and tumour host response patterns in head and neck squamous cell carcinomas (HNSSC).