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The IMGT/V-QUEST database (IMGT, http://imgt.cines.fr) was used to locate potential N-glycosylation sites, as previously described.7 Patient 11 has been excluded from the analysis because of the deletion of part of the DH-JH region. The FL2 sample from pt 25 showed a IgH-VH polyclonal rearrangement and is not included in this analysis. Patient 7, with samples having different glycosylation sites, is shown in bold. CPC is the putative CPC sequence and is highlighted in grey. F indicates father; S, son.