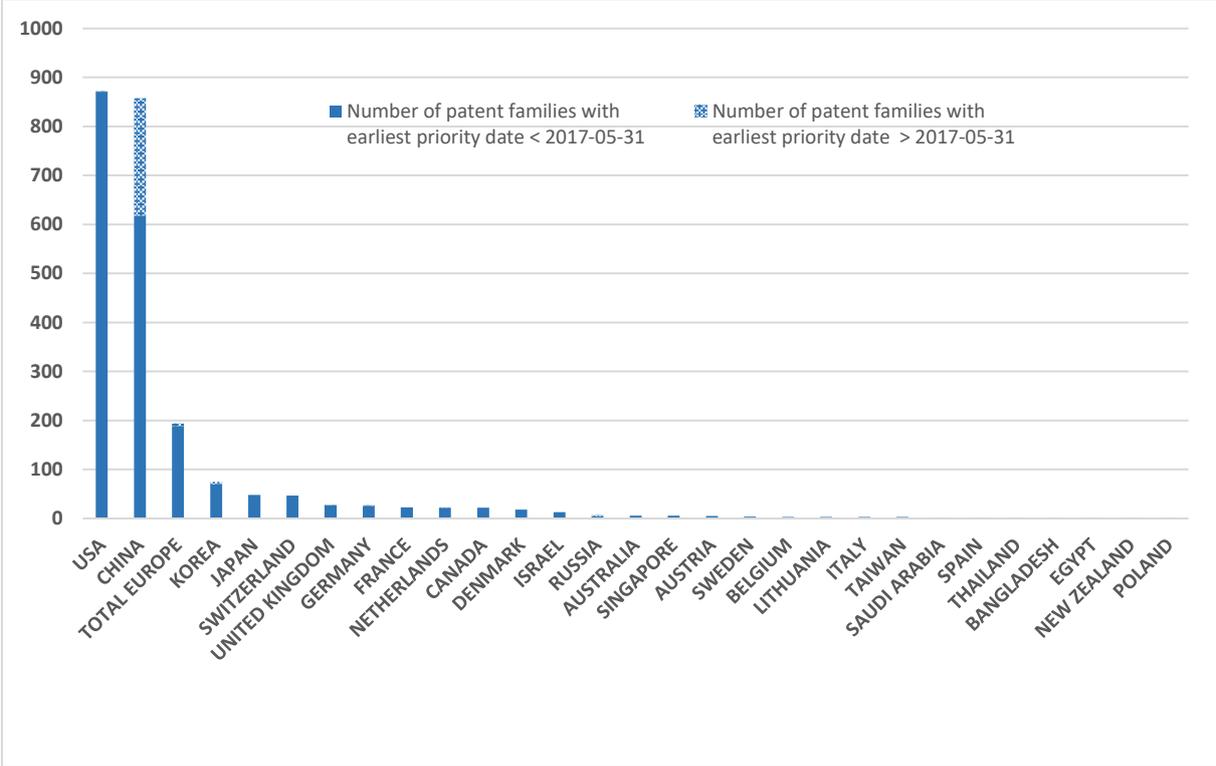
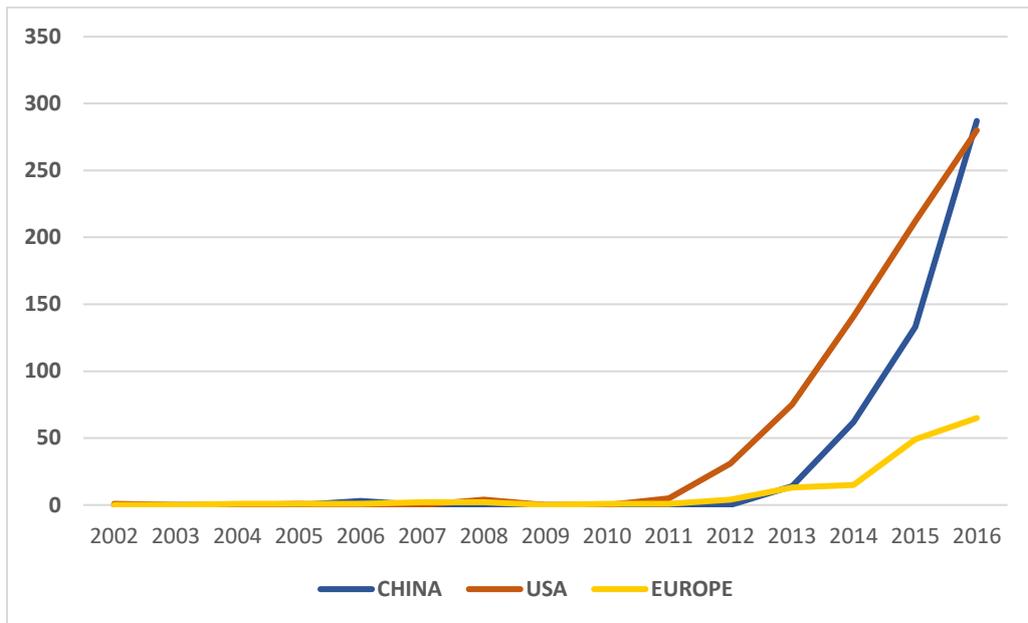


Figure 1. Geographical repartition and evolution of patent families related to the CRISPR gene editing system

By convention, the earliest priority date was used for the patent collection as displayed as a whole, as displayed in Supplementary Table 1 (priority date limited to 31 December 2017).

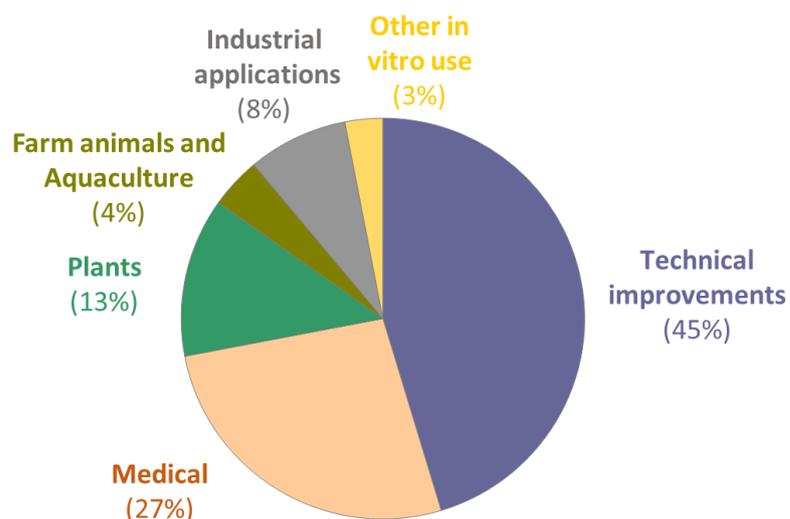


1a Number of patent families related to the CRISPR-CAS system per country. Values correspond to the total amounts of patent families compiled in Supplementary Table 1. Dark blue indicates patents with a priority date up to 31 May 2017. Light blue indicates additional patents publicly available at the date of last update (priority date up to 31 December 2017).

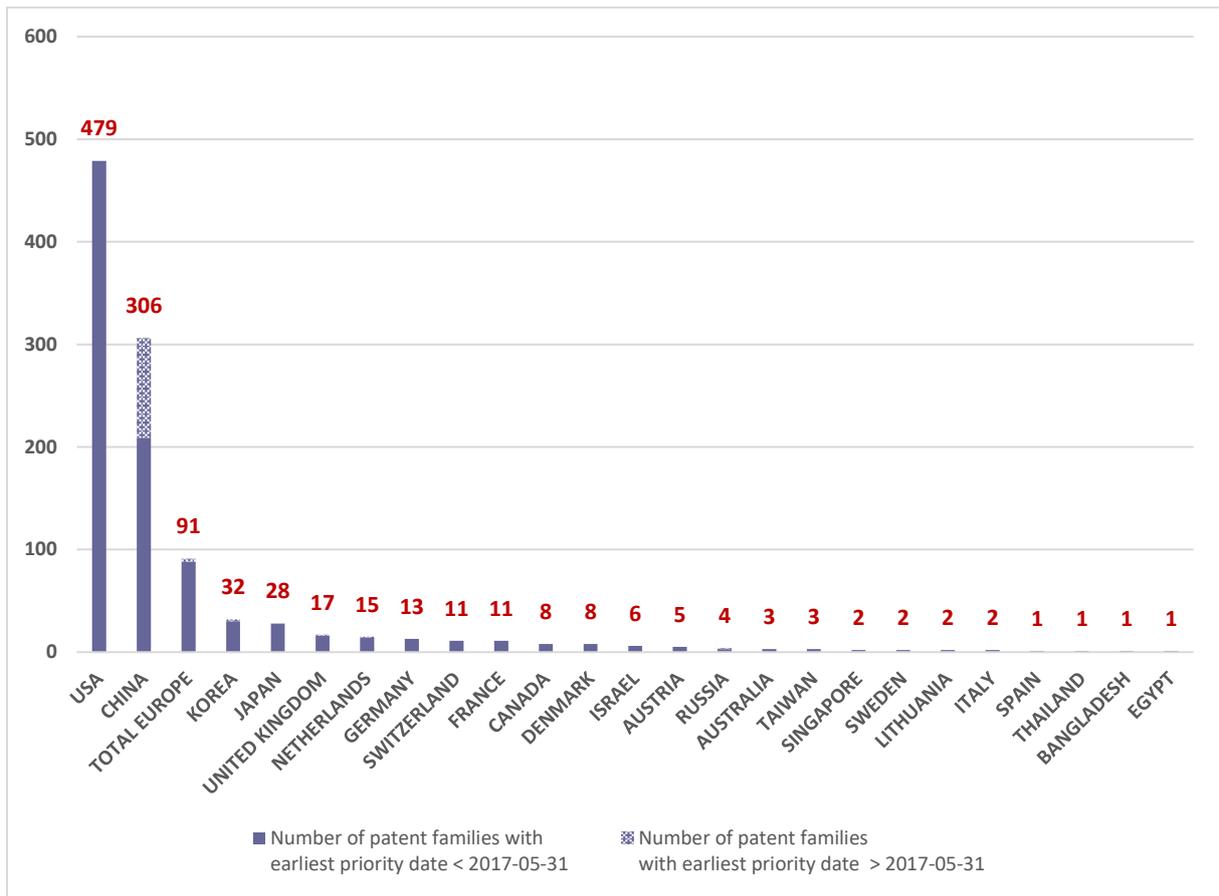


1b Evolution of number of patent families per year in three geographical zones (according to earliest date of priority, from 2002 until 2016 inclusive). Year 2017 was not included since these data are not available in all cases.

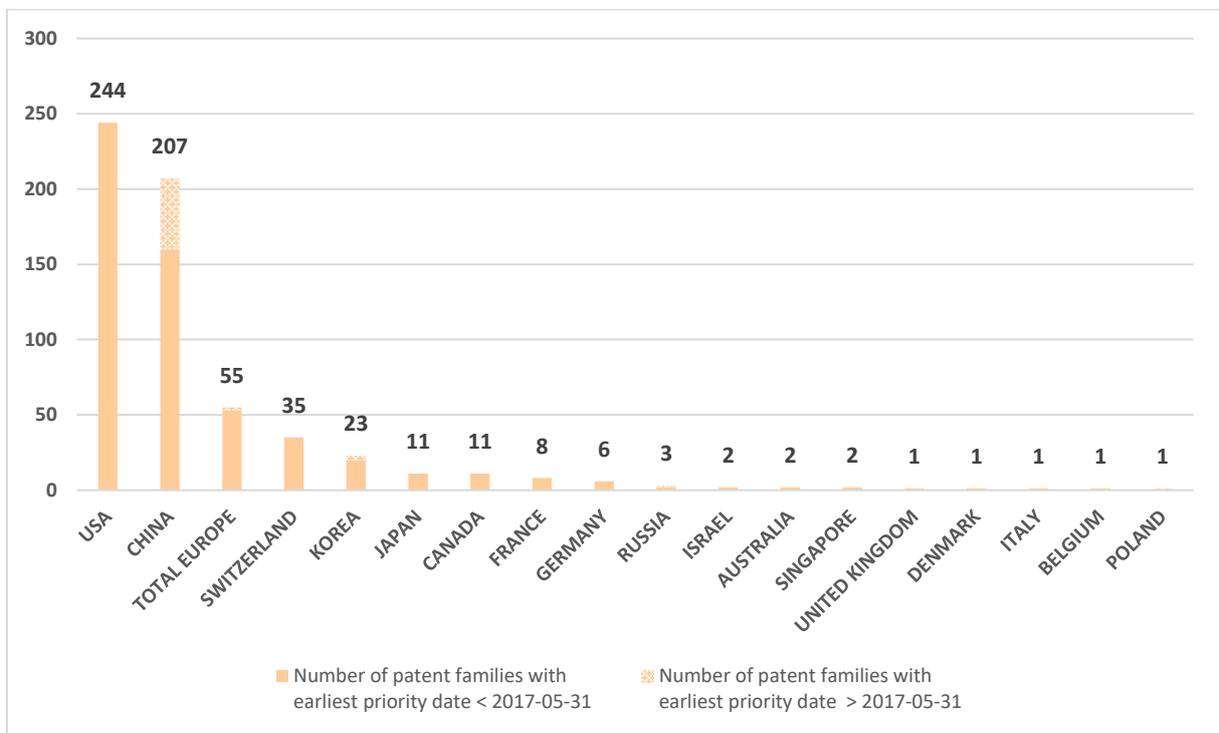
Figure 2. Number of patent families related to the CRISPR system per technical category. By convention, the earliest priority date was used for the patent collection as a whole, as displayed in Supplementary Table 1. The dark part of each bar corresponds to patents with a priority date up to 31 May 2017, while the light part corresponds to additional patents publicly available at the date of last update.



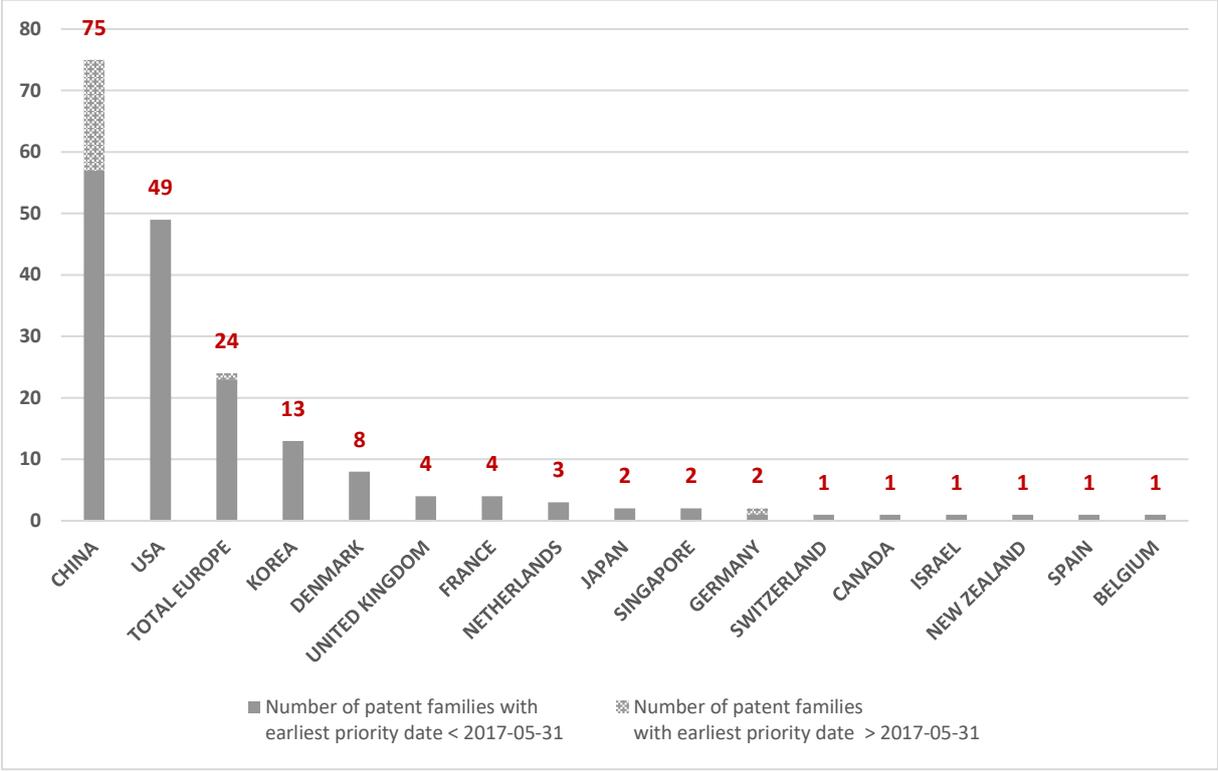
2a Total patent families sorted by categories as defined in the text.



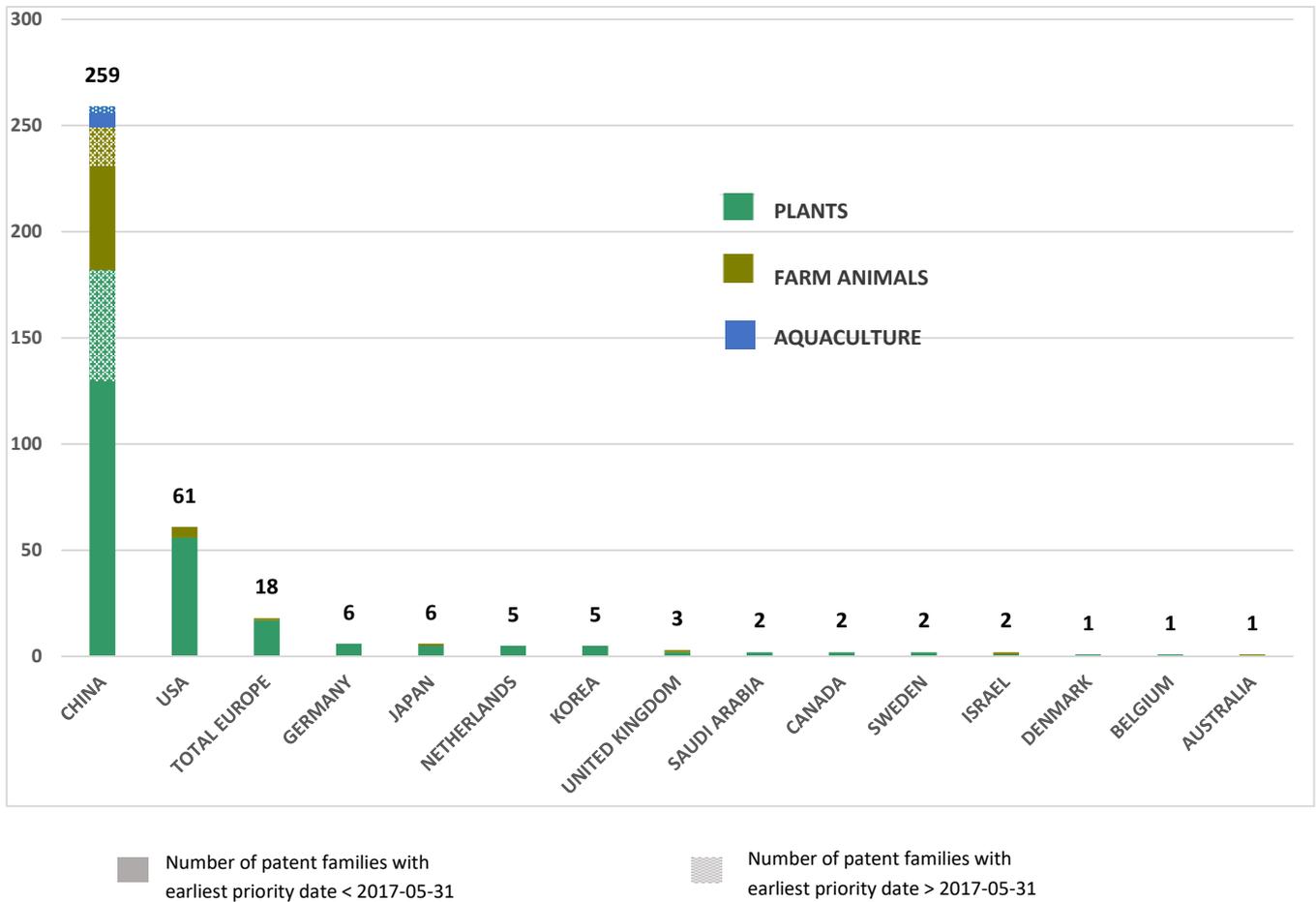
2b Number of patent families per country related to the 'technical improvement' category.



2c Number of patent families per country directly related to 'medical applications'.



2d Number of patent families per country related to 'industrial applications'.



2e Number of patent families per country related to 'agricultural applications'. Patents are separated into 'plant', 'farm animal' and 'aquaculture' categories.