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| WWorking Party on Red Cell Immunogenetics and Blood Group Terminology | C:\Users\judithc\Desktop\Logos\ISBT logo.jpg |

**Criteria for the establishment of a new blood group system**

**Please tick the boxes appropriate to support your submission**

For one or more antigen(s) to form a new blood group system:

▢ The antigen(s) in the system must be found on erythrocytes
Request for the WP to consider: ▢ Footnote 1 ▢ Footnote 2

▢ The antigen(s) must be defined by human antibodies that are neither autoantibodies nor exist only as
 monoclonal antibodies, i.e. these antibodies have been made by at least one individual lacking the
 antigen in question.

▢ The antigen(s) must be (an) inherited character(s).

▢ The gene encoding the antigen(s) must have been identified and sequenced.

▢ The gene must be different from, and not a closely-linked homologue of, all other genes encoding antigens of existing blood group systems.

▢ Other remarks to help the WP make a decision:

1. If the antigen is difficult to detect by standard hemagglutination on erythrocytes, the WP may take into consideration if it can be detected by alternative methods (e.g. flow cytometry or mass spectrometry) and make decisions about each antigen candidate given the whole body of evidence presented.
2. The WP may also take into consideration if the antigen can be detected on reticulocytes and/or other earlier erythroid cell stages, and possibly also the clinical consequences thereof (e.g. if the antigen/antibodies in question result in pathologies often associated with other blood groups).

**Please provide nomenclature recommendations including**

**recommended Blood Group System, or Blood Group Antigen name(s)**

**and allele name(s) etc, as appropriate to your submission.**

Proposed system name Proposed system number \_\_\_

Proposed antigen name Proposed antigen number

Phenotype Encoded by gene

Carrier molecule Allele names

 Rs-numbers associated Sequence Accession No.

**Other comments, e.g. explain origin of name(s) suggested:**