



Update on Round 4 of IGHV Certification

Project details:

Project lead by: CERTH/INAB (Greece)

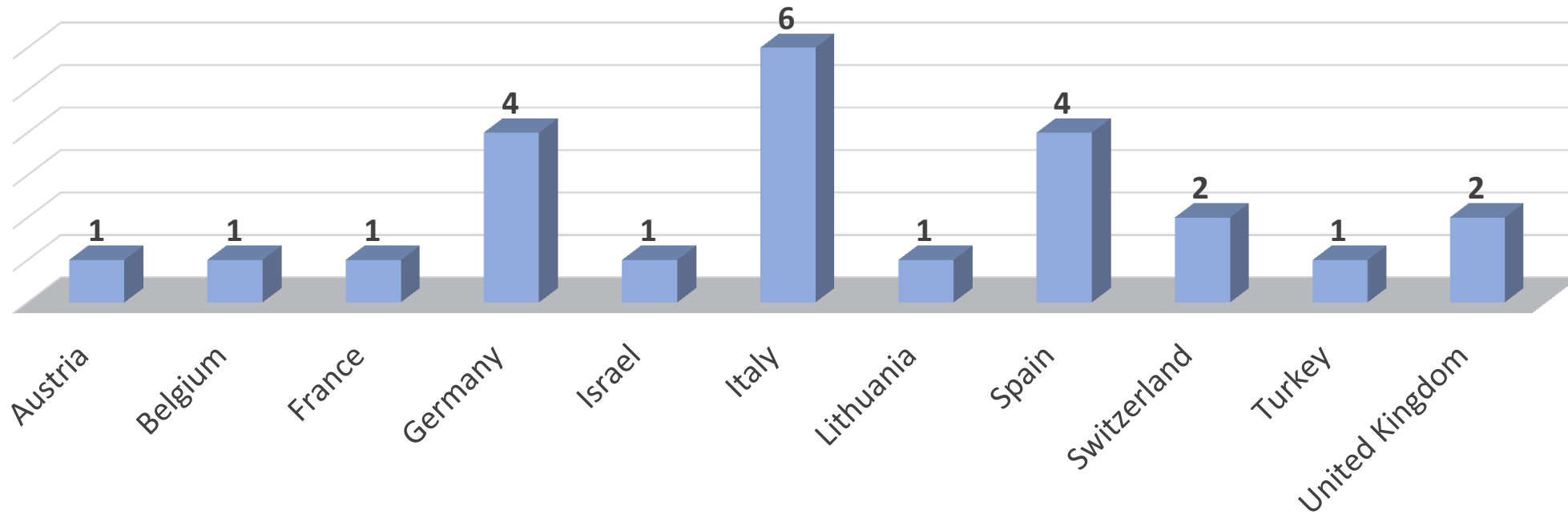
Participating centers: 24

Number of participating countries: 11

24 participating centres

11 participating countries

Participating countries



Sample Review Overall

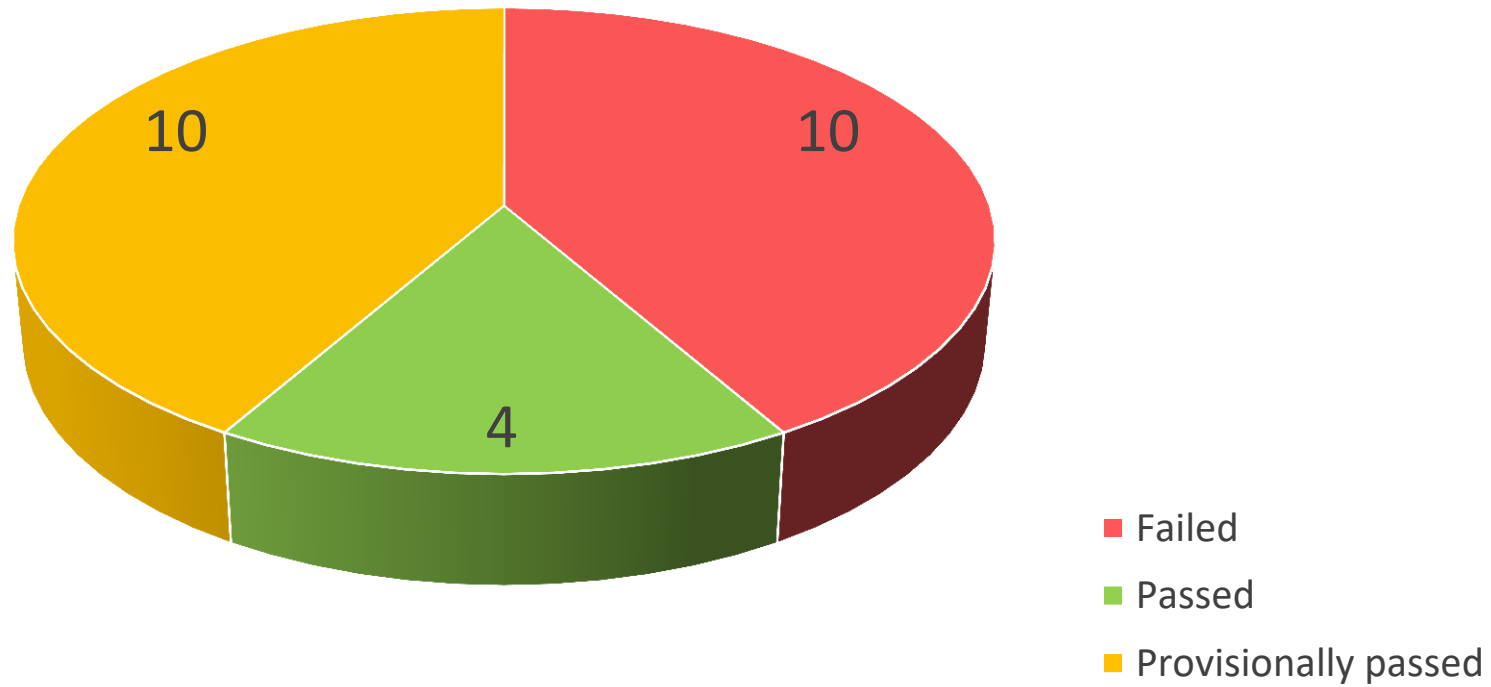
Sample ID	IGHV gene and allele	IGHD gene and allele	IGHJ gene and allele	IGHV gene % identity to germline	SHM status	Comments
ERIC4-1	IGHV3-21*01	not determined	IGHJ6*02	97.9	borderline	stereotyped subset #2
ERIC4-2*	IGHV1-3*01	IGHD6-19*01	IGHJ4*02	100	unmutated	stereotyped subset #1
ERIC4-3	IGHV4-38-2*02	IGHD6-13*01	IGHJ4*02	97.6	borderline	
ERIC4-4	IGHV3-21*01	not determined	IGHJ6*02	96.2	mutated	stereotyped subset #2
ERIC4-5	IGHV1-69*01	IGHD3-16*01	IGHJ3*02	100	unmutated	stereotyped subset #6

* An unproductive IGHV3-66*03/IGHD6-19*01/IGHJ5*02 with an out-of-frame junction and stop codons within the VH CDR3 and 100% identity to the germline IGHV3-66*03 gene could also be amplified along with the productive rearrangement. Since the identity of both rearrangements was identical, the case is classified as IG-unmutated.

Certification Requirements

Accreditation requirements and your result	Your result	Minimal requirements	Good laboratory practice requirements
Participating in ERIC IG survey	✓	✓	✓
Covering VH FR1 – VH CDR3 of all samples	x ¹⁾	✓	✓
Raise caution about the borderline somatic hypermutation status of ERIC4-1	x ¹⁾	✓	✓
Identification of sample ERIC4-1 as belonging to stereotyped subset #2	x ¹⁾	✓	✓
Identification of sample ERIC4-2 as IGHV-unmutated	x ²⁾	✓	✓
Identification of sample ERIC4-2 as belonging to stereotyped subset #1	x ²⁾	✓	✓
Raise caution about the borderline somatic hypermutation status of ERIC4-3	x ¹⁾	✓	✓
Identification of sample ERIC4-4 as IGHV-mutated	x ¹⁾	✓	✓
Identification of sample ERIC4-4 as belonging to stereotyped subset #2	x ¹⁾	✓	✓
Identification of sample ERIC4-5 as IGHV-unmutated*	✓	✓	✓
Correct annotation	x ³⁾	✓	✓
Provided Lab specific report	✓	✓	✓
Correct interpretation	x ³⁾	✓	✓
Finished and submitted analysis before the deadline	✓	✓	✓

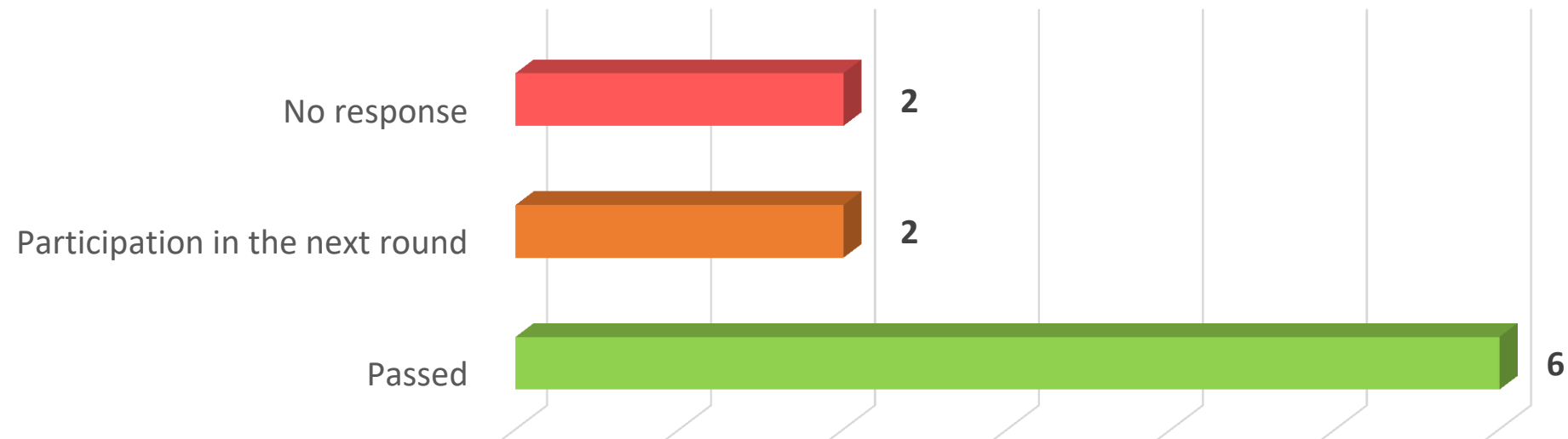
IG Results



Secondary Phase

PROVISIONALLY PASSED

10 labs were asked to send us their revised lab reports within 1 month





Final Results - Round 4

Passed: 10

Failed: 14

Total: 24

Summary Rounds 1-4



Round 1

38 Labs Passed

12 Labs Failed

Round 2

29 Labs Passed

3 Labs Failed

Round 3

15 Labs Passed

8 Labs Failed

Round 4

10 Labs Passed

14 Labs Failed

92 Certified Centres

37 Unsuccessful centres

31 Certified Countries

Unsuccessful centres - some centres failed in more than one round

Certified centres - some centres certified in more than one round

Certified Centres in 31 Countries

We have certified laboratories in five different continents!
Asia, Australia, Europe, North America and South America.

ARGENTINA	AUSTRALIA	AUSTRIA	BELGIUM
CYPRUS	CZECH REPUBLIC	DENMARK	FINLAND
FRANCE	GERMANY	GREECE	HUNGARY
IRELAND	ISRAEL	ITALY	LITHUANIA
MACEDONIA	NETHERLANDS	NORWAY	POLAND
PORTUGAL	RUSSIA	SLOVAKIA	SLOVENIA
SPAIN	SWEDEN	SWITZERLAND	TAIWAN
UNITED KINGDOM	UNITED STATES		

Application - Round 5

Project to be lead by: CERTH/INAB (Greece), Hopital Pitie-salpetriere (France)
Deadline to apply:

Please complete the Online Participation Form on the IG Network Section which remains active for the whole year



Laboratory Procedure for Immunoglobulin Gene Analysis

Contact Details

First Name *

Last Name *

Institute / Clinic *

City *

Country *

Email Address *

Verify Email Address *

Patient Material

On completing the form, please tick the box that most accurately reflects your routine laboratory practice.

Requested material for accreditation

DNA (preferential)

Other on demand (viably frozen cells or RNA)



Thank you for your time!

For further information:

<http://www.ericll.org/ignetwork/>