



Questionnaire for the participation in the study "Description of the clinical phenotype of adults with rare genetic syndromes"

Name the participant (in capital letters):
Date of birth:
This page is intended for pseudonymization. Solely the person in charge of pseudonymization will have access to the information on this first page.
Pseudonym (will be completed by the study team):
Has the participant been published previously? Yes No If yes, which publication and pseudonym?
Coordinates of the doctor completing the questionnaire: Name of the doctor:
Affiliation of the doctor:
Email address of the doctor:
If we are also allowed to contact another person again for further information, please indicate: Name of the contact person:
Email address of the contact person:

AFTER PSEUDONYMIZATION, THIS PAGE IS KEPT SEPARATE FROM THE REST OF THE QUESTIONNAIRE

1. Genetic findings
Indication for genetic testing:
Age of the participant at clinical diagnosis of the syndrome:
Age of the participant at molecular diagnosis of the syndrome:(Age at which the genetic analysis confirmed the diagnosis of the participant)
In which gene has the causal mutation been identified?
If you have difficulties, completing the genetic information below, you can add the genetic report(s) of the participant instead.
Transcript of the mutated gene (NM_ or ENST_ Number):
Variant at DNA level (c.):
Variant at Protein level (p.):
Genomic position of the variant:
Used reference genome (e.g. hg19):
Variant detected as: □ homozygous □ heterozygous □ mosaic (percentage:
Origin of the variant: de novo (not inherited maternally or paternally) inherited maternally inherited paternally both parents not tested not maternally, father not tested not paternally, mother not tested
Methods used for diagnosis: direct gene sequencing multi gene panel analysis exome sequencing other, please mention:
Has a chromosomal analysis been performed? ☐ Yes ☐ No ☐ If yes, please indicate the results:
Has a microarray analysis been performed? ☐ Yes ☐ No ☐ If yes, please indicate the results:
Are there any other relevant genetic findings? ☐ Yes ☐ No ☐ If yes, please describe:

Pseudonym:_

2.	General Data
Gende	at age of the participant: years,months or of the participant: female male Ty:
000	,·
-	last measurement:yearsmonth in cm (and SD): Calculated target height in cm: If the participant has failure to thrive, please indicate age at onset:
_	t in kg (and SD): kg/m ² : If the participant is overweight (BMI>25 kg/m ²) or underweight (BMI<18,5kg/m ²), please indicate age at onset:
OFC ir	n cm (and SD): If the participant has micro- (≤-2SD) or macrocephaly (≥+2SD), please indicate age at onset:
	ner family members affected with the same syndrome? Yes No If yes, please indicate their relationships:
3.	Clinical Data
Were t	tal and perinatal history here any abnormalities during pregnancy? Yes → Please describe:
	No Information not available anymore
	here any problems during birth? Yes → Please describe:
	No Information not available anymore
Was th	ne participant born at term?
	Yes
	No Information not available anymore

Pseudonym:_

	"Description of the ci	inical phenotype of adults with rare genetic syndromes" Pseudonym:
Please indica	ate the destational ad	e (weeks and days) at birth:
	n cm (and SD):	·
_	in g (and SD):	
	cm (and SD):	
	ciii (aliu 3D)	
Davalanma	~ 4	
Developme		and disability O
-	rticipant have intellect	•
□ Yes -	→ please select:	□ mild □ moderate □ severe
Did the partic	cipant get an IQ-test?	
	→ please indicate the	full scale IO:
		te the full scale IQ (see table below):
U 110 —	piease try to estimat	e the full scale to (see table below)
MR Level	Description (IQ)	Adult phenotype
0	Normal	No mental retardation (MR)
1	Borderline (<70)	Attends standard school for many years; requires minor/major
2	Very mild (<65)	support Attends standard school for a few years; requires major support;
	very mila (<03)	has simple reading, writing, and math ability
3	Mild (<50)	Understands everything, including long sentences; has very simple reading, writing, and math ability
4	Moderate (<35)	Understands almost everything; makes use of small sentences and lots of signs
5	Severe (<20)	Understands simple, daily sentences and single words; uses sentences of 2–3 words, and many signs; walks
6	Very severe (<10)	Understands a few words; usually walks, unsteadily, if supported; has no language or only a few words
7	Profound	Shows minor or no response; may sit and stand unaided; walking is rare
Following Zhang	et al 2005	1.00
At what age	was the participant at	ole to sit without help (age in months):
•	•	ple to walk without help (age in months):
		eak first words (age in months):
		delay diagnosed (age in months):
, it illiat age		totaly analysis (ago in morning).
What are the	current communicati	on abilities?
☐ the p	articipant is unable to	communicate his wants and needs
☐ the p	articipant uses sound	s but no spoken words
□ the p	articipant uses gestur	es
□ the p	articipant uses sign la	nguage
☐ the p	articipant uses alterna	ative communication aids, please indicate:
	articipant speaks flue	
•	•	ase describe:
What are the	e current speech abilit	ies?
	•	
	ds but no spoken wor	us
•	simple words	
	` •	come here, be hungry,)
•	e full sentences (e.g.	
□ the p	articipant is able to te	II a story

	Pseudonym:
What are the current reading abilities? none recognizes some simple words simple storybook reads books for children aged: reads newspapers and books	
What are the current writing abilities? none writes single letters writes her/his name writes some simple words copies a sentence writes a sentence independently writes a letter	
Does the participant need help with the daily hygiene (showering, puttir brushing teeth,)? ☐ Yes ☐ No	ng on clothes,
Does the participant need help with eating? ☐ Yes ☐ No	
What are the participants' cooking abilities? ☐ none ☐ simple tasks, e.g. makes toast ☐ is able to heat up food in the microwave/oven ☐ is able to cook a meal (e.g. pasta)	
What school degree did the participant achieve? ☐ regular education, please indicate a degree if possible: ☐ special education, please indicate a degree if possible:	
Does the participant have an occupation? ☐ Yes → please indicate the occupation: ☐ No	
Is the participant able to live independently? ☐ Yes ☐ No	
Regression Has the participant experienced any regression in her/his abilities? ☐ Yes → please indicate the age at regression: ☐ No	
If yes, please select and describe: the participant lost verbal abilities:	

"Description of the clinical phenotype of adults with rare genetic syndromes" Pseudonym:
☐ the participant lost motor abilities:
other:
Behavioral anomalies Does the participant have behavioral anomalies? Please select. Autism Aggressive behavior Attention deficit/hyperactivity disorder Stereotypic movements Sleeping difficulties Sensitivity to many or specific stimuli, please describe: Other, please describe:
4. <u>Dysmorphic features</u>
Does the participant have marked facial similarities to other participants with the syndrome? □ Yes □ No
Alternatively, if the participant/legal guardian agreed to the use of photographs, you can add photographs of the participant: photographs from the face in front view and side view (without glasses), hands and feet. This would help us to make uniformed descriptions of de dysmorphologic features of the participants. Childhood photographs of the participant are also welcome and might allow for evaluation of progressive dysmorphic features.



"Description of the clinical phenotype of adults with rare genetic syndromes"
Pseudonym:

In the following tables, please check the boxes with matching terms

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Cranium:	□ brachycephaly □ other:	□ dolichocephaly	□ turricephaly	
Face:	□ broad □ tringulated	□ flat □ hypotonic	□ coarse □ other:	□ square
Hairline:	□ low posterior □ other:		□ high anterior	□ frontal balding
Forehead:	□ sloping □ bossing	□ narrow □ other:	□ broad	□ prominent
Cheeks:	□ underdeveloped bones□ other:	□ prominent bones	□ full	□ sunken
Midface:	□ retrusion	□ prominence	□ other:	
Chin:	□ microganthia □ retrogathia	□ narrow □ others:	□ broad	□ prognathism
Neck:	□ broad □ other:	□ long	□ short	□ webbing
Upper lip:	□ absent Cupid's bow	□ exaggerated Cupid's bow	□ thick	□ thin
	□ tented	□ everted	□ other:	
Lower lip:	□ everted	□ thin	□ thick	□ other:
Mouth:	□ narrow	□ wide	□ other:	
Oral cavity:	□ protuding tongue	□ narrow palate	□ high palate	□ other:
Nose:	□ depressed nasal bridge□ broad nasal tip	□ anteverted nares □ other:	□ bulbous nose	□ narrow nasal tip
Philtrum:	□ broad □ smooth	□ narrow □ deep	□ long □ other:	□ short
Eyes:	□ blepharophimosis□ hypertelorism□ strabism	□ epicatnthus□ proptosis□ other:	□ deep set □ ptosis	□ hypotelorism □ telecanthus
Palpebral fissures:	□ almond shaped □ upslanted	□ long □ other:	□ short	□ downslanted
Eyebrows:	□ highly arched □ other:	□ horizontal	□ thick	□ synophrys
Please, note	e the features which be	came more promine	nt over time:	

"Description of the clinical phenotype of adults with rare genetic syndromes"	
Pseudonym:	

Childhood photographs of the participant are also welcome and might allow for evaluation of progressive dysmorphic features.

Extremit	ties			
Hands:	☐ clinodactyly of the 5th finger ☐ arachnodactyly ☐ hypoplastic thumbs ☐ single transverse palmar crease ☐ other:	□ tapered fingers□ brachdactyly□ prominent digit pad□ hyperextensible fingers	□ deep palmar creases□ camptodactyly□ postaxial polydactyly□ prominent intermediate	□ preaxial polydactyly
Feet:	□ preaxial polydactyly □ pes planus	□ postaxial polydactyly □ sandal gap	□ rocker bottom foot □ other:	□ pes cavus
Other fir	ndings			
Thorax:	□ small	□ pectus excavatum	□ Pectus carinatum	□ accessory nipples
Abdome	en: 🗆 umbilical hernia	□ Inguinal hernia		
Back:	□ scoliosis			
Other:				
Has the I	yes, what is the greates participant ever had sur es lo s, please indicate the ty ventions:	gery? pe of surgery and th	ne age of the participa	
Has a br	gic issues ain CT/MRI been perfoi es → please indicate o lo			
-	participant had EEGs (€ es → please indicate th lo		• •	

"Description of the clinical phenotype of adults with rare genetic syndromes" Pseudonym:
Has the participant been diagnosed with epilepsy? ☐ Yes → what was the age at first seizures: ☐ No
If yes, the participant has epilepsy please indicate: - Type of seizures: - Antiepileptic medication: - The last time she/he had seizures: - The average number of seizures per time period: /month/week
- The average duration of a seizure: - How many times has the participant had status epilepticus?
Does the participant have muscular hypotonia? ☐ Yes ☐ No
Please indicate, if the participant has any other neurological problems with age of onset:
Cardiovascular issues Has the participant had any anomalies of the heart or vessels since birth? ☐ Yes → please indicate: ☐ No Has the participant developed any issues of the heart or vessels over the years? ☐ Yes → please indicate type and age of onset: ☐ No
Respiratory issues Has the participant had any anomalies of the lungs and airways since birth? ☐ Yes → please indicate: ☐ No
Has the participant developed any issues of the lungs and airways over the years? ☐ Yes → please indicate type and age of onset: ☐ No
Gastro-intestinal issues Has the participant experienced feeding problems in his childhood? ☐ Yes → From which age until which age?: ☐ No If yes, was G-Tube feeding necessary and for how long?
Has the participant had any anomalies of the digestive system since birth? ☐ Yes → please indicate: ☐ No

	Pseudonym:
	e participant developed any issues of the digestive system over the years? Yes → please indicate type and age of onset: No
Has the	plogical issues participant had any anomalies of the kidney since birth? Yes → please indicate: No
	e participant developed any kidney issues over the years? Yes → please indicate type and age of onset:
Has the	nital issues e participant had any anomaly of the bladder, urine tract or genitals since birth e.g adia, cryptorchism? Yes → please indicate: No
	e participant developed any bladder, urinary tract or genital issues over the years? Yes → please indicate type and age of onset: No
Has the	rine issues e participant had any endocrine anomalies since birth? Yes → please indicate: No
_ \ _	e participant developed any endocrine issues over the years? Yes → please indicate type and age of onset: No
) 	e puberty in any way remarkable (precocious/delayed/others)? Yes → please describe: No oplicable age by menarche (in years):
Has the	tological issues e participant had any anomalies of the skin since birth? Yes → please indicate: No
_ \ -	e participant developed any skin issues over the years? Yes → please indicate type and age of onset: No

Ectodermal issues Please select the features present in the participant: Hypertrichosis (many hairs in abnormal sites), please indicate age of onset: Sparse hair, please indicate age of onset: Nail hypoplasia/aplasia, please indicate which fingers, toes: Delayed tooth eruption, please indicate age: Delayed loss of primary teeth, please indicate age: Missing teeth (oligodontia), please indicate which teeth: Other hair, nail or teeth anomalies, please describe:
Eye issues
Has the participant had any anomaly of the eye/vision since birth?
☐ Yes → please indicate:☐ No
Has the participant developed any eye/vision issues over the years?
☐ Yes → please indicate type and age of onset:
□ No
Please indicate current vision ability:
Ear/Hearing issues Has the participant had any anomaly of the ear/hearing since birth? ☐ Yes → please indicate:
□ No
Has the participant developed any ear/auditive issues over the years? ☐ Yes → please indicate type and age of onset: ☐ No
Hematological and neoplastic diseases Has the participant any hematological anomalies? ☐ Yes → please indicate the anomaly and age of onset:
Has the participant had any tumors or cancer (neoplasm)? ☐ Yes → please indicate the type and age at diagnosis: ☐ No
□ NoIs the participant more susceptible to infections?□ Yes□ No

Pseudonym:_

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Does t	nloskeletal issues he participant have any anomaly of the muscles, bones and joints since birth? Yes → please indicate: No
	e participant developed any issues of the muscles, bones or joints over the years? Yes → please indicate type and age of onset: No
Please	Therapies indicate which therapies (also drugs) the participant is receiving or has received and what age:
	<u>Comments</u>
if there	e are other important clinical findings, please comment:

We thank you for taking the time to filling in the questionnaire! Please, join the consent form for this study and if necessary medical reports.

In addition, if the participant/legal guardian gave consent, photographs from the face in front view and side view (without glasses), hands and feet of the participant would be very much appreciated and would allow us a uniformed description of the participants.