

## Karyotyp-Report

Einsender DNA ID: NP0053-5iPSC-1  
Interne DNA ID: DE84DIVUKOD100055  
Eingetroffen am: 2015-02-06

Geschlecht  
Angegeben: Unknown  
Aus Chipdaten: Female

## Karyotypisierung

Technologie: Illumina BeadArray  
Produkt: HumanOmniExpressExome-8 BeadChip v1.2  
Manifest: HumanOmniExpressExome-8v1-2\_A.bpm  
Clusterfile: HumanOmniExpressExome-8v1-2\_A.egt  
ChipID und –Segment: 3999269082 R01C01  
Batch und Well: WG0082838-MSA1 A10  
Erreichte Callrate: 0,9969529

Typisierung  
Scanner: Illumina iScan, S/N: N234  
Ort des Scans: Life&Brain GENOMICS, Bonn, Deutschland  
Hersteller: Illumina, Inc., San Diego, USA  
Scan-Datum: 2015-02-11-1440

Genotypen-Analyse  
Genome Studio: GenomeStudio V2011.1  
Genotyping Module: Ver. 1.9.4

CNV-Analyse  
Algorithmus: CNV-Partition  
Version: 3.2  
Hersteller: Illumina, Inc., San Diego, USA

## Berichtenswerte Beobachtungen

**Chr20: Deletion of the short and duplikation of the long arm**

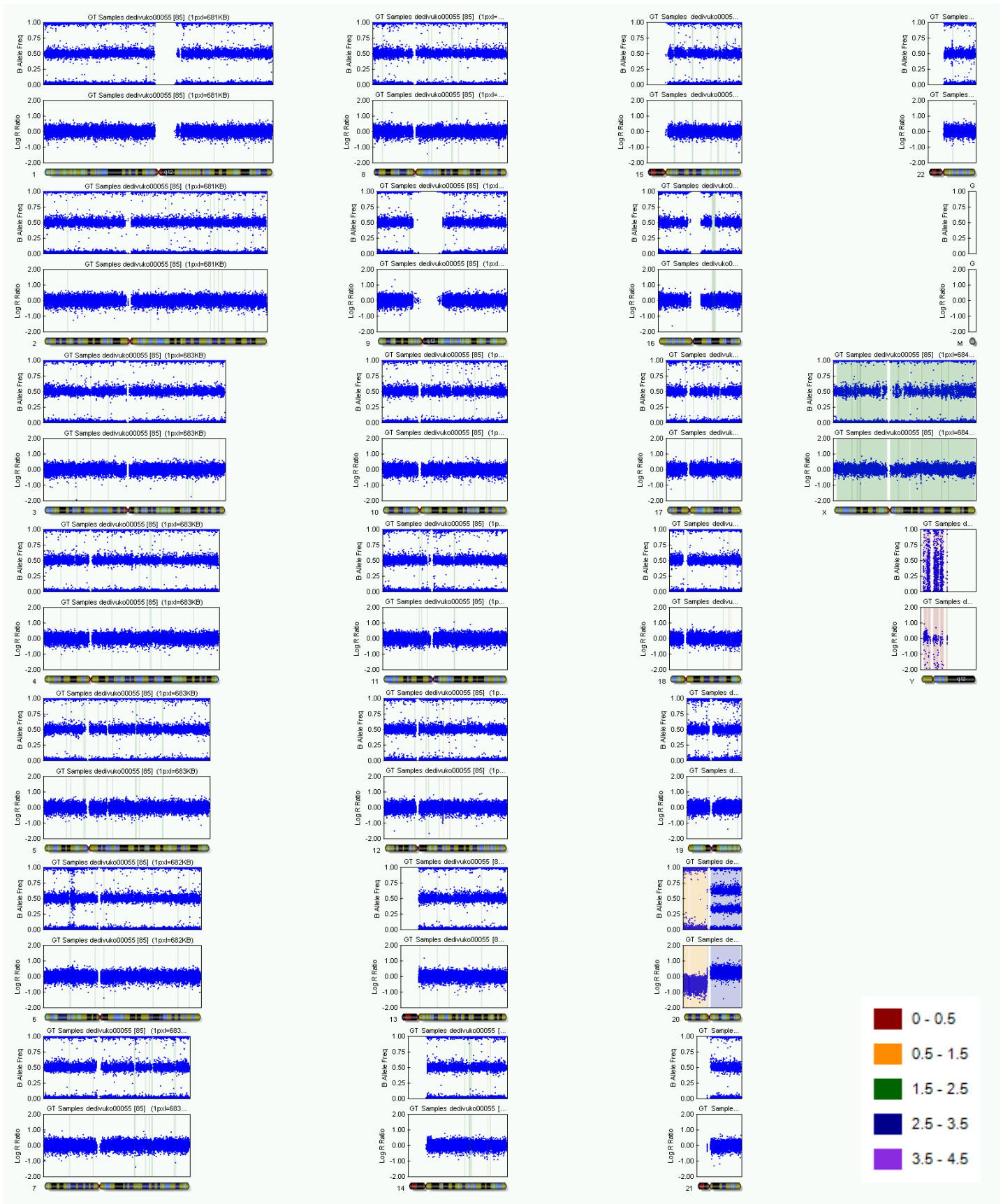
## Auswertender Bioinformatiker

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## Control Dashboard

Sample_ID / Sentry_Label	Category	Control (BeadType)	Section 1 X	Section 1 Y	State
DEDIVUKO00055 / 3999269082_R01C01	Staining	DNP (High) (27630314)	10550	31	Notable/OK
DEDIVUKO00055 / 3999269082_R01C01	Staining	DNP (Bgnd) (29619375)	170	179	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Staining	Biotin (High) (41666334)	127	6558	OK/Notable
DEDIVUKO00055 / 3999269082_R01C01	Staining	Biotin (Bgnd) (34648333)	91	26	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Extension	Extension (A) (17616306)	26416	335	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Extension	Extension (T) (14607337)	27769	177	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Extension	Extension (C) (12613307)	605	17090	OK/Notable
DEDIVUKO00055 / 3999269082_R01C01	Extension	Extension (G) (11603365)	742	17168	OK/Notable
DEDIVUKO00055 / 3999269082_R01C01	Target Removal	Target Removal (31623323)	675	149	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Hybridization	Hyb (High) (19612319)	1125	18427	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Hybridization	Hyb (Medium) (20636378)	303	10878	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Hybridization	Hyb (Low) (23617335)	1021	3046	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Stringency	String (PM) (32629312)	16740	368	Notable/OK
DEDIVUKO00055 / 3999269082_R01C01	Stringency	String (MM) (33668307)	1718	179	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non-Specific Binding	NSB (Bgnd) (26619332)	190	131	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non-Specific Binding	NSB (Bgnd) (27624356)	178	83	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non-Specific Binding	NSB (Bgnd) (25617343)	203	180	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non-Specific Binding	NSB (Bgnd) (24616350)	178	149	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non- Polymorphic	NP (A) (34633358)	9435	287	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non- Polymorphic	NP (T) (16648324)	9282	193	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non- Polymorphic	NP (C) (43641328)	445	11014	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Non- Polymorphic	NP (G) (13642359)	533	11312	OK/OK
DEDIVUKO00055 / 3999269082_R01C01	Restoration	Restore (28637363)	217	234	OK/OK

# Karyogramm



## CNV-Analyse

Berichtet werden Kopienzahlvarianten ab einer Größe von 350'000bp.

DGV-Abgleich: Anzahl CNVs in gesunden Kontrollen, die den ermittelten CNV komplett überspannen.

### CNV-Analyse

Algorithmus: CNV-Partition

Version: 3.2

Hersteller: Illumina, Inc., San Diego, USA

Sample ID	Chr	Start	Ende	Type	Länge	SNPs	CNVConf	DGV-Abgleich
DEDIVUKO00055	20	278806	5903166	1	5624360	2876	2237.9800	
DEDIVUKO00055	20	5904040	23955742	1	18051702	6756	3507.7540	
DEDIVUKO00055	20	23977072	26064540	1	2087468	609	493.6325	CNV-Gain: 3
DEDIVUKO00055	20	29445644	43830368	3	14384724	4912	12256.4400	
DEDIVUKO00055	20	43971870	62934877	3	18963007	8791	2263.6420	
DEDIVUKO00055	23	2700163	58483247	2	55783084	9384	2435.2440	
DEDIVUKO00055	23	61730485	83128470	2	21397985	2058	2380.1370	
DEDIVUKO00055	23	83132635	95423958	2	12291323	1260	540.9879	
DEDIVUKO00055	23	95628703	154892230	2	59263527	9710	2171.7480	
DEDIVUKO00055	24	2657176	6425538	0	3768362	222	1555.5280	
DEDIVUKO00055	24	6635162	10019072	0	3383910	316	21635.6300	
DEDIVUKO00055	24	13281348	19563894	0	6282546	586	19904.8500	
DEDIVUKO00055	24	20828795	24891486	0	4062691	317	22655.0300	
DEDIVUKO00055	24	28374713	28817442	0	442729	20	853.2171	