

SUPPLEMENTARY FIGURE. Distinct Sequence Identifiers for measles genotypes B3 and D8 detected, by epidemiologic week* — United States, January 1, 2020–March 21, 2024

Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week									
	2020									
Epidemiologic Week	1-2	3	4	5	6	7	8	9-45	46	47-52
Genotype B3										
4299 (MVs/Dublin.IRL/8.16)		1		2	2					
5827				1						
6318				1						
4298							1			
6368									1	
6481										
6482										
6472										
8249										
6418 (MVs/Quetta.PAK/44.20)										
8346										
8272										
8306										
8347										
8307										
8359										
8569										
8621										
8670										
8777										
8493										
8442										
Total	0	1	0	4	2	0	1	0	1	0
Genotype D8										
8318										
8491										
5963 (MVs/Patan.IND/16.19)										
2266 (MVs/Frankfurt Main.DEU/17.11)										
8765										
8477										
2279 (MVs/Victoria.AUS/6.11)										
8251										
8631										
8278										
8700										
8699										
8248 (MVs/Rudaki.TJK/49.21)										
Total	0	0	0	0	0	0	0	0	0	0

Abbreviation: DSId = distinct sequence identifier

* Weeks with no reported cases are shown as grey boxes

SUPPLEMENTARY FIGURE. Distinct Sequence Identifiers for measles genotypes B3 and D8 detected, by epidemiologic week* — United States, January 1, 2020–March 21, 2024

Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week										
	2021										
Epidemiologic Week	1-12	13	14-15	16	17-34	35	36	37	38	39	40
Genotype B3											
4299 (MVs/Dublin.IRL/8.16)											
5827											
6318											
4298		1		1							
6368											
6481						1	2	1		2	2
6482							1				
6472						4	2	7	3	16	1
8249											
6418 (MVs/Quetta.PAK/44.20)											
8346											
8272											
8306											
8347											
8307											
8359											
8569											
8621											
8670											
8777											
8493											
8442											
Total	0	1	0	1	0	5	5	8	3	18	3
Genotype D8											
8318											
8491											
5963 (MVs/Patan.IND/16.19)											
2266 (MVs/Frankfurt Main.DEU/17.11)											
8765											
8477											
2279 (MVs/Victoria.AUS/6.11)											
8251											
8631											
8278											
8700											
8699											
8248 (MVs/Rudaki.TJK/49.21)											
Total	0	0	0	0	0	0	0	0	0	0	0

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SUPPLEMENTARY FIGURE. Distinct Sequence Identifiers for measles genotypes B3 and D8 detected, by epidemiologic week* — United States, January 1, 2020–March 21, 2024

Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week															
	2022															
Epidemiologic Week	1-5	6	7-8	9	10	11	12-18	19	20-23	24	25	35	36	37	38	
Genotype B3																
4299 (MVs/Dublin.IRL/8.16)																
5827																
6318																
4298																
6368																
6481																
6482																
6472																
8249		1														
6418 (MVs/Quetta.PAK/44.20)				1				1								
8346														1	3	
8272						1						2				
8306										2						
8347															1	
8307											1					
8359													1			
8569																
8621																
8670																
8777																
8493																
8442																
Total	0	1	0	1	0	1	0	1	0	2	1	2	1	1	4	
Genotype D8																
8318																
8491																
5963 (MVs/Patan.IND/16.19)																
2266 (MVs/Frankfurt Main.DEU/17.11)																
8765																
8477																
2279 (MVs/Victoria.AUS/6.11)																
8251																
8631																
8278																
8700																
8699																
8248 (MVs/Rudaki.TJK/49.21)																
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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SUPPLEMENTARY FIGURE. Distinct Sequence Identifiers for measles genotypes B3 and D8 detected, by epidemiologic week* — United States, January 1, 2020–March 21, 2024

Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week														
	2022														
Epidemiologic Week	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
Genotype B3															
4299 (MVs/Dublin.IRL/8.16)															
5827															
6318															
4298															
6368															
6481															
6482															
6472															
8249															
6418 (MVs/Quetta.PAK/44.20)															
8346	3	3	2	1	1	3	2	10	8	18	11	13	4		2
8272															
8306															
8347															
8307															
8359															
8569															
8621															
8670															
8777															
8493															
8442															
Total	3	3	2	1	1	3	2	10	8	18	11	13	4	0	2
Genotype D8															
8318															
8491															
5963 (MVs/Patan.IND/16.19)															
2266 (MVs/Frankfurt Main.DEU/17.11)															
8765															
8477															
2279 (MVs/Victoria.AUS/6.11)															
8251															
8631															
8278															
8700															
8699															
8248 (MVs/Rudaki.TJK/49.21)															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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SUPPLEMENTARY FIGURE. Distinct Sequence Identifiers for measles genotypes B3 and D8 detected, by epidemiologic week* — United States, January 1, 2020–March 21, 2024

Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week															
	2023															
Epidemiologic Week	1-2	3	4-7	8	9	10	11	12	13	14	15	18-19	20	21	22	23
Genotype B3																
4299 (MVs/Dublin.IRL/8.16)																
5827																
6318																
4298																
6368																
6481																
6482																
6472																
8249																
6418 (MVs/Quetta.PAK/44.20)																
8346																
8272																
8306																
8347																
8307																
8359																
8569																
8621																
8670																
8777																
8493																
8442													1	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Genotype D8																
8318									1							
8491																
5963 (MVs/Patan.IND/16.19)																
2266 (MVs/Frankfurt Main.DEU/17.11)																
8765																
8477																
2279 (MVs/Victoria.AUS/6.11)				1		1				1						
8251		1														
8631																
8278							1							1		
8700																
8699																
8248 (MVs/Rudaki.TJK/49.21)											1					
Total	0	1	0	1	0	1	1	0	1	1	1	0	0	1	0	0

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SUPPLEMENTARY FIGURE. Distinct Sequence Identifiers for measles genotypes B3 and D8 detected, by epidemiologic week* — United States, January 1, 2020–March 21, 2024

Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week																
	2023																
Epidemiologic Week	24-29	30	31	32	33-36	37	38	39-40	41	42	43	44	45-48	49	50	51	52
Genotype B3																	
4299 (MVs/Dublin.IRL/8.16)																	
5827																	
6318																	
4298																	
6368																	
6481																	
6482																	
6472																	
8249																	
6418 (MVs/Quetta.PAK/44.20)																	
8346																	
8272																	
8306																	
8347																	
8307																	
8359																	
8569		1															
8621							1										
8670														1	2		
8777																	
8493																	
8442				1					1	1		2					
Total	0	1	0	1	0	0	1	0	1	1	0	2	0	1	0	2	0
Genotype D8																	
8318																	
8491																	
5963 (MVs/Patan.IND/16.19)																	
2266 (MVs/Frankfurt Main.DEU/17.11)																	
8765																	
8477																	
2279 (MVs/Victoria.AUS/6.11)							1										1
8251																	
8631							1										
8278																	
8700																	3
8699															1	1	
8248 (MVs/Rudaki.TJK/49.21)							1										
Total	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	0	5

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Year/Genotype/DSId (named strain)	Number of sequences identified by year, epidemiologic week										
	2024										
Epidemiologic Week	1	2	3	4	5	6	7	8	9	10	11
Genotype B3											
4299 (MVs/Dublin.IRL/8.16)											
5827											
6318											
4298											
6368											
6481											
6482											
6472											
8249											
6418 (MVs/Quetta.PAK/44.20)		1		1	2	1	2	1	1		1
8346											
8272											
8306											
8347											
8307											
8359											
8569											
8621											
8670											
8777									1		
8493				1							
8442						1					
Total	0	1	0	2	2	2	2	1	2	0	1
Genotype D8											
8318											
8491				1	1				1		
5963 (MVs/Patan.IND/16.19)						1	1		1	1	7
2266 (MVs/Frankfurt Main.DEU/17.11)					1						
8765							1				
8477								1			
2279 (MVs/Victoria.AUS/6.11)						3	2	2			
8251											
8631											
8278							1				
8700											
8699											
8248 (MVs/Rudaki.TJK/49.21)								1			
Total	0	0	0	1	2	4	5	4	2	1	7

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Year/Genotype/DSId (named strain)	Number of sequences identified by year	
	2020-2024	
Epidemiologic Week	Total	
Genotype B3		Location
4299 (MV/Dublin.IRL/8.16)	5	California
5827	1	Hawaii
6318	1	Virginia
4298	3	Georgia, Connecticut
6368	1	Washington
6481	9	Virginia, Wisconsin
6482	1	Virginia
6472	33	Virginia, Wisconsin, New Mexico
8249	1	Virginia
6418 (MV/Quetta.PAK/44.20)	12	Virginia, Washington, Georgia, Ohio, Arizona, Minnesota, California
8346	85	Ohio, Minnesota
8272	5	Minnesota
8306	2	Minnesota
8347	1	Minnesota
8307	1	Ohio
8359	1	Arizona
8569	1	Missouri
8621	1	Florida
8670	3	Pennsylvania
8777	1	California
8493	1	Maryland
8442	10	Washington, California, Illinois, District of Columbia
Total	179	
Genotype D8		
8318	1	Hawaii
8491	3	Virginia, California, Illinois
5963 (MV/Patan.IND/16.19)	11	Florida, Louisiana, Illinois
2266 (MV/Frankfurt Main.DEU/17.11)	1	California
8765	1	Louisiana
8477	1	Michigan
2279 (MV/Victoria.AUS/6.11)	13	Virginia, New Jersey, Kentucky, California, Texas, New York, Florida
8251	1	Washington
8631	1	Idaho
8278	3	Utah, Maryland, Washington
8700	3	Washington
8699	2	Colorado, California
8248 (MV/Rudaki.TJK/49.21)	3	Ohio, Florida, Michigan
Total	44	

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