Performance Report for:

https://enhanc3dgenomics.com/

Report generated: Wed, Mar 13, 2024 9:38 PM -0700
Test Server Location: 🇬🇧 London, UK
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

A	Performance **93%**	Structure **95%**		L. Contentful Paint **1.7s**	T. Blocking Time **0ms**	C. Layout Shift **0**

Top Issues

Med	Use a Content Delivery Network (CDN)	57 resources found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 383KB
Med-Low	Eliminate render-blocking resources FCP LCP	Potential savings of 266ms
Low	Avoid enormous network payloads LCP	Total size was 530KB
Low	Properly size images	Potential savings of 24.7KB

Page Details

1.7s
Fully Loaded Time

Total Page Size – 529KB

JS 232KB	CSS 109KB	IMG 98KB	Font 70.6KB	

Total Page Requests – 65

CSS 47.7%	JS 40%	Other 4.6%	IMG 3.1%	Font 3.1%

■ HTML ■ JS ■ CSS ■ IMG ■ Video ■ Font ■ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**
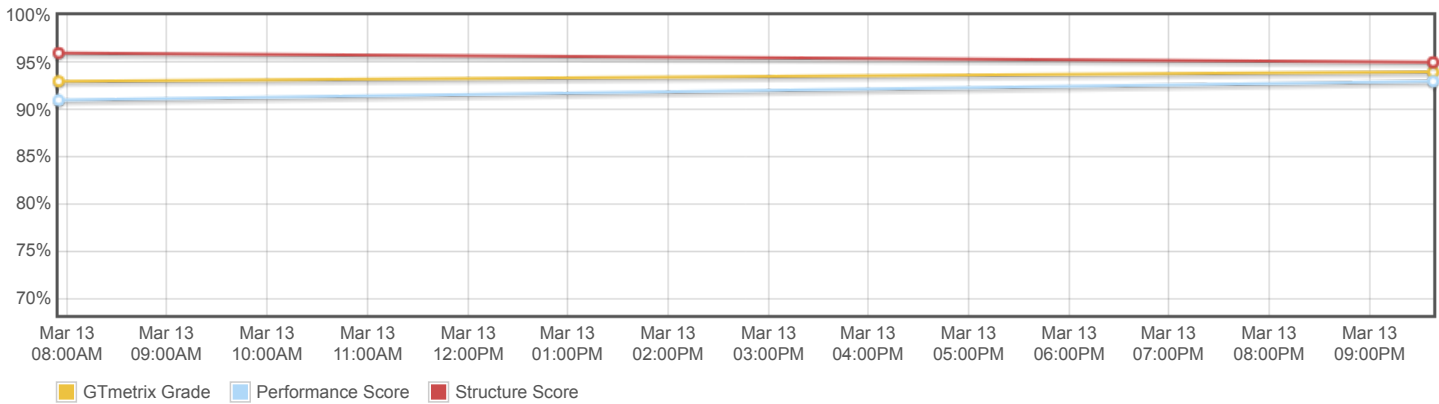
About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

https://carbon60.com/
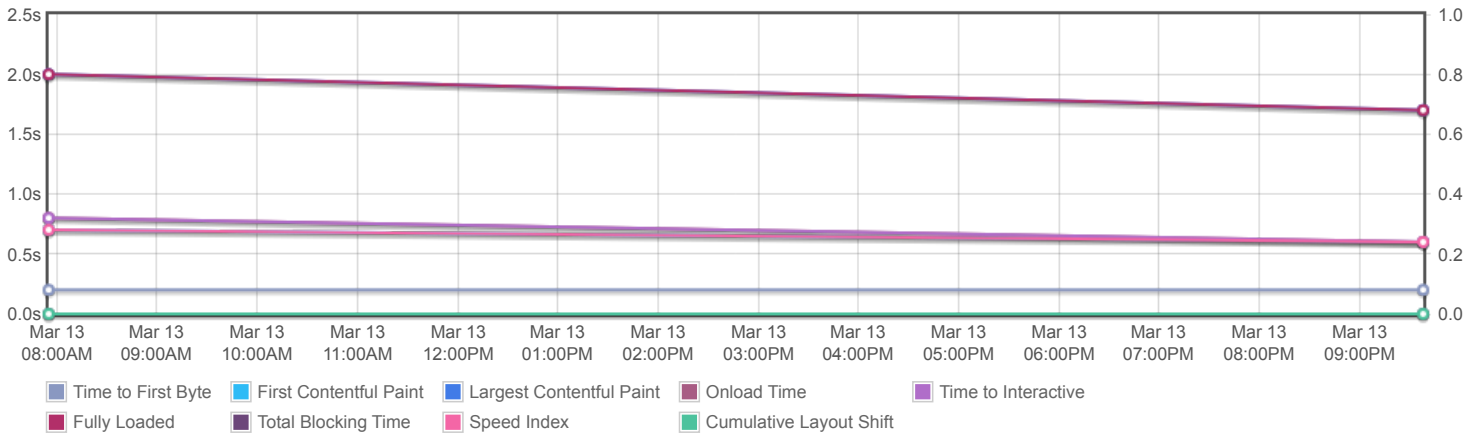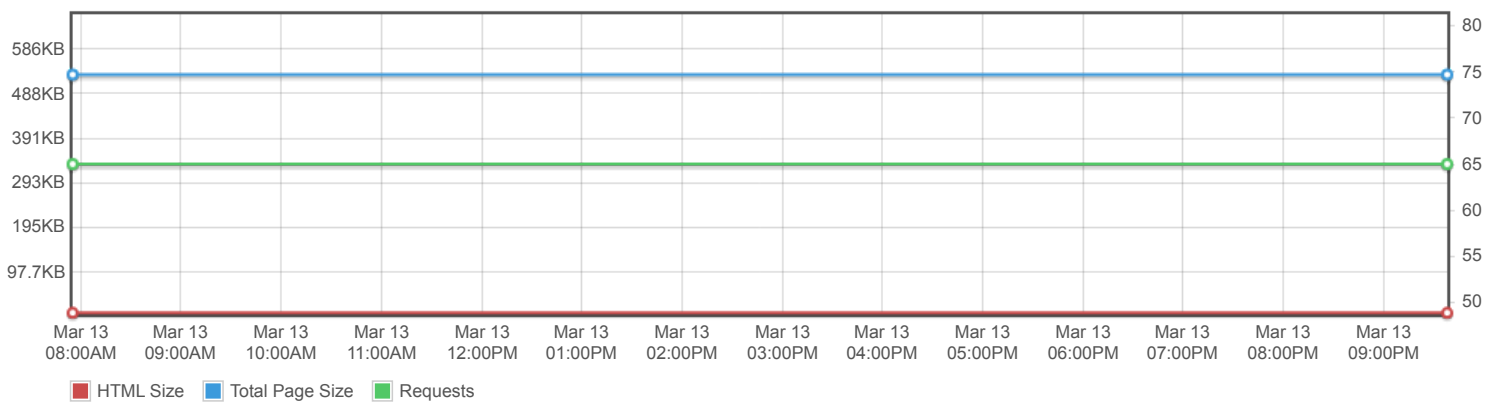
Page scores

Legend: GTmetrix Grade · Performance Score · Structure Score

Page metrics

Legend: Time to First Byte · First Contentful Paint · Largest Contentful Paint · Onload Time · Time to Interactive · Fully Loaded · Total Blocking Time · Speed Index · Cumulative Layout Shift

Page sizes and request counts

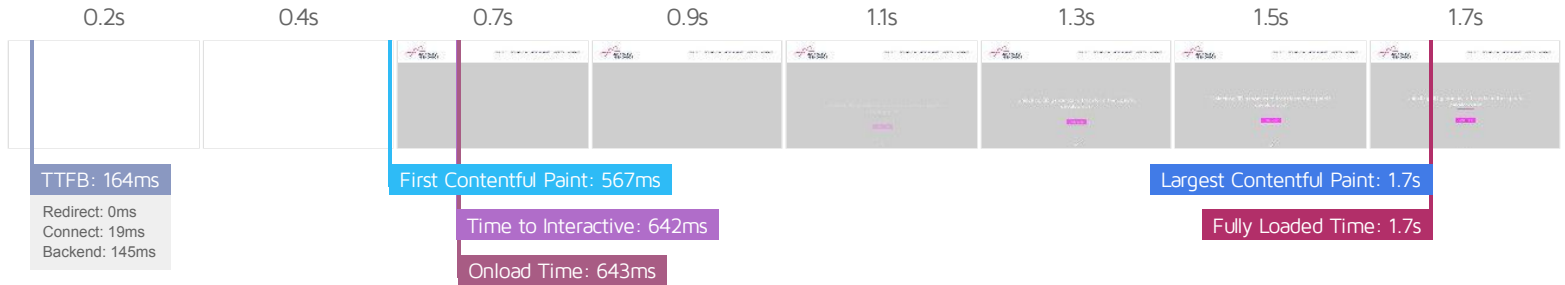Legend: HTML Size · Total Page Size · Requests

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Enhanc3D Genomics – 3D Genomics for Therapeutics

File	Status	Host	Size	Time
/	200	enhanc3dgenomics....	9.63KB	165ms
css2?family=Outfit:wght...	200	fonts.googleapis.com	833B	78ms
grid.css?ver=5.6.10	200	enhanc3dgenomics....	2.72KB	33ms
base.css?ver=5.6.10	200	enhanc3dgenomics....	5.52KB	60ms
layout.css?ver=5.6.10	200	enhanc3dgenomics....	15.3KB	61ms
blog.css?ver=5.6.10	200	enhanc3dgenomics....	4.23KB	60ms
postslider.css?ver=5.6.10	200	enhanc3dgenomics....	1.40KB	41ms
buttons.css?ver=5.6.10	200	enhanc3dgenomics....	1.75KB	58ms
comments.css?ver=5.6.10	200	enhanc3dgenomics....	1.90KB	42ms
contact.css?ver=5.6.10	200	enhanc3dgenomics....	2.99KB	74ms
slideshow.css?ver=5.6.10	200	enhanc3dgenomics....	3.23KB	74ms
gallery.css?ver=5.6.10	200	enhanc3dgenomics....	1.30KB	74ms
grid_row.css?ver=5.6.10	200	enhanc3dgenomics....	1.06KB	74ms
hr.css?ver=5.6.10	200	enhanc3dgenomics....	0.99KB	73ms
image.css?ver=5.6.10	200	enhanc3dgenomics....	1.86KB	73ms
contentslider.css?ver=5.6...	200	enhanc3dgenomics....	1.27KB	88ms
magazine.css?ver=5.6.10	200	enhanc3dgenomics....	1.40KB	88ms
masonry_entries.css?ver...	200	enhanc3dgenomics....	3.69KB	88ms
avia-snippet-site-preload...	200	enhanc3dgenomics....	991B	88ms
social_share.css?ver=5.6...	200	enhanc3dgenomics....	1.62KB	88ms
tabs.css?ver=5.6.10	200	enhanc3dgenomics....	1.31KB	87ms
video.css?ver=5.6.10	200	enhanc3dgenomics....	898B	92ms
style.min.css?ver=6.4.3	200	enhanc3dgenomics....	14.5KB	103ms
shortcodes.css?ver=5.6.10	200	enhanc3dgenomics....	7.60KB	101ms
avia-snippet-fold-unfold.c...	200	enhanc3dgenomics....	1.14KB	99ms
magnific-popup.min.css?...	200	enhanc3dgenomics....	1.83KB	99ms
avia-snippet-lightbox.css...	200	enhanc3dgenomics....	1.38KB	99ms
avia-snippet-widget.css?...	200	enhanc3dgenomics....	5.05KB	100ms
enfold_child.css?ver=65e...	200	enhanc3dgenomics....	19.0KB	128ms
custom.css?ver=5.6.10	200	enhanc3dgenomics....	644B	110ms
style.css?ver=5.6.10	200	enhanc3dgenomics....	1.10KB	110ms
post-2.css?ver=ver-17102...	200	enhanc3dgenomics....	778B	110ms
jquery.min.js?ver=3.7.1	200	enhanc3dgenomics....	30.0KB	125ms
jquery-migrate.min.js?ver...	200	enhanc3dgenomics....	5.08KB	124ms
avia-js.js?ver=5.6.10	200	enhanc3dgenomics....	1.12KB	117ms
avia-compat.js?ver=5.6.10	200	enhanc3dgenomics....	1.28KB	117ms
js?id=GT-NMCXWXL	200	googletagmanager.c...	94.2KB	269ms
logo_enhanc3d.png	200	enhanc3dgenomics....	31.8KB	243ms
waypoints.min.js?ver=5.6...	200	enhanc3dgenomics....	3.00KB	187ms
avia.js?ver=5.6.10	200	enhanc3dgenomics....	16.0KB	199ms
shortcodes.js?ver=5.6.10	200	enhanc3dgenomics....	11.4KB	199ms
contact.js?ver=5.6.10	200	enhanc3dgenomics....	3.04KB	194ms
gallery.js?ver=5.6.10	200	enhanc3dgenomics....	1.78KB	198ms
slideshow.js?ver=5.6.10	200	enhanc3dgenomics....	9.58KB	200ms
magazine.js?ver=5.6.10	200	enhanc3dgenomics....	1.08KB	198ms
isotope.min.js?ver=5.6.10	200	enhanc3dgenomics....	13.4KB	215ms
masonry_entries.js?ver=...	200	enhanc3dgenomics....	3.14KB	214ms
tabs.js?ver=5.6.10	200	enhanc3dgenomics....	1.56KB	214ms
slideshow-video.js?ver=5...	200	enhanc3dgenomics....	6.71KB	214ms
video.js?ver=5.6.10	200	enhanc3dgenomics....	1.18KB	214ms
avia-snippet-hamburger-...	200	enhanc3dgenomics....	4.97KB	216ms
avia-snippet-parallax.js?v...	200	enhanc3dgenomics....	4.29KB	232ms
avia-snippet-fold-unfold.j...	200	enhanc3dgenomics....	2.64KB	232ms

jquery.magnific-popup.mi...	200	enhanc3dgenomics....	7.58KB		232ms
avia-snippet-lightbox.js?v...	200	enhanc3dgenomics....	2.73KB		231ms
avia-snippet-megamenu.j...	200	enhanc3dgenomics....	2.19KB		231ms
avia-snippet-sticky-heade...	200	enhanc3dgenomics....	1.51KB		231ms
avia-snippet-footer-effect...	200	enhanc3dgenomics....	0.98KB		240ms
avia-snippet-widget.js?ve...	200	enhanc3dgenomics....	1.16KB		240ms
bg3.jpg	**(blocked)**	**18.133.173.170**	**0**		0ms
EG_Symbol.png	200	enhanc3dgenomics....	66.3KB		35ms
QGYvz_MVcBeNP4NJtEtq...	200	fonts.gstatic.com	31.5KB		114ms
entypo-fontello.woff2	200	enhanc3dgenomics....	39.1KB		73ms
favicon.png	200	enhanc3dgenomics....	8.68KB		6ms
favicon-36x36.png	200	enhanc3dgenomics....	1.72KB		5ms

65 Requests   **529KB (1.48MB Uncompressed)**   **Fully Loaded 1.7s (Onload 643ms)**

| 0.2s | 0.4s | 0.7s | 0.9s | 1.1s | 1.3s | 1.5s | 1.7s |

TTFB: 164ms
Redirect: 0ms
Connect: 19ms
Backend: 145ms

First Contentful Paint: 567ms

Time to Interactive: 642ms

Onload Time: 643ms

Largest Contentful Paint: 1.7s

Fully Loaded Time: 1.7s

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Good - Nothing to do here

567ms

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

Good - Nothing to do here

642ms

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Good - Nothing to do here

648ms

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Good - Nothing to do here

0ms

Largest Contentful Paint

How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.

Longer than recommended

1.7s

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

Good - Nothing to do here

0

Browser Timings

Redirect	0ms	Connect	19ms	Backend	145ms
TTFB	164ms	First Paint	567ms	DOM Int.	640ms
DOM Loaded	642ms	Onload	643ms	Fully Loaded	1.7s

IMPACT	AUDIT		
Low	**Ensure text remains visible during webfont load** FCP LCP	1 font found	

Leverage the `font-display` CSS feature to ensure text is user-visible while webfonts are loading.

URL	POTENTIAL SAVINGS
• https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-template-builder/assets/fonts/entypo-fontello.woff2	19ms

Low	**Avoid long main-thread tasks** TBT	1 long task found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay.

URL	START TIME	DURATION
• https://enhanc3dgenomics.com/	367ms	77ms

Low	**Reduce JavaScript execution time** TBT	128ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
• https://enhanc3dgenomics.com/	185ms	12ms	2ms
• Unattributable	111ms	0ms	0ms
• https://enhanc3dgenomics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	83ms	59ms	1ms
• https://www.googletagmanager.com/gtag/js?id=GT-NMCXWXL	52ms	46ms	5ms

Low	**Reduce unused CSS** FCP LCP	Potential savings of 44.7KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://enhanc3dgenomics.com/wp-content/uploads/dynamic_avia/enfold_child.css?ver=65efcc8c2a97e	19.0KB	16.0KB
• https://enhanc3dgenomics.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	14.5KB	14.5KB
• https://enhanc3dgenomics.com/wp-content/themes/enfold/css/layout.css?ver=5.6.10	15.3KB	14.2KB

Low	**Serve images in next-gen formats**	Potential savings of 52.5KB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://enhanc3dgenomics.com/wp-content/uploads/2022/07/EG_Symbol.png	66.0KB	30.4KB
https://enhanc3dgenomics.com/wp-content/uploads/2022/07/logo_enhanc3d.png	31.6KB	22.1KB

Low	**Reduce initial server response time** FCP LCP	Root document took 144ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
• https://enhanc3dgenomics.com/	144ms

Low	Minify CSS FCP LCP	Potential savings of 5.20KB

Minifying CSS files can reduce network payload sizes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://enhanc3dgenomics.com/wp-content/themes/enfold/css/layout.css?ver=5.6.10	15.3KB	2.99KB
• https://enhanc3dgenomics.com/wp-content/themes/enfold/css/shortcodes.css?ver=5.6.10	7.60KB	2.22KB

Low	Minify JavaScript FCP LCP	Potential savings of 18.3KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia.js?ver=5.6.10	16.0KB	6.49KB
• https://enhanc3dgenomics.com/wp-content/themes/enfold/js/shortcodes.js?ver=5.6.10	11.4KB	4.39KB
• https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.js?ver=5.6.10	9.58KB	4.06KB
• https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow-video.js?ver=5.6.10	6.71KB	3.32KB

Low	Avoid chaining critical requests FCP LCP	57 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: **508ms**

INITIAL NAVIGATION

- https://enhanc3dgenomics.com/ 9.63KB, 163ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-widget.css?ver=5.6.10 5.05KB, 96ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/js/aviapopup/magnific-popup.min.css?ver=5.6.10 1.83KB, 95ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/hr/hr.css?ver=5.6.10 0.99KB, 69ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-js.js?ver=5.6.10 1.12KB, 113ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/js/shortcodes.js?ver=5.6.10 11.4KB, 16ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-hamburger-menu.js?ver=5.6.10 4.97KB, 16ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/postslider/postslider.css?ver=5.6.10 1.40KB, 36ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-fold-unfold.css?ver=5.6.10 1.14KB, 95ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-sticky-header.js?ver=5.6.10 1.51KB, 15ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/grid_row/grid_row.css?ver=5.6.10 1.06KB, 69ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/css/custom.css?ver=5.6.10 644B, 106ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/js/waypoints/waypoints.min.js?ver=5.6.10 3.00KB, 14ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/css/layout.css?ver=5.6.10 15.3KB, 56ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow-video.js?ver=5.6.10 6.71KB, 15ms
    - https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/contentslider/contentslider.css?ver=5.6.10 1.27KB, 83ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/tabs/tabs.css?ver=5.6.10 ☐ 1.31KB, 83ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/buttons/buttons.css?ver=5.6.10 ☐ 1.75KB, 53ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-template-builder/assets/fonts/entypo-fontello.woff2 ☐ 39.1KB, 19ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-parallax.js?ver=5.6.10 ☐ 4.29KB, 18ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/image/image.css?ver=5.6.10 ☐ 1.86KB, 68ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/blog/blog.css?ver=5.6.10 ☐ 4.23KB, 55ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-widget.js?ver=5.6.10 ☐ 1.16KB, 8ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/video/video.js?ver=5.6.10 ☐ 1.18KB, 14ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/magazine/magazine.css?ver=5.6.10 ☐ 1.40KB, 83ms

https://enhanc3dgenomics.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3 ☐ 14.5KB, 98ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/contact/contact.js?ver=5.6.10 ☐ 3.04KB, 12ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.css?ver=5.6.10 ☐ 3.23KB, 69ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/css/shortcodes.css?ver=5.6.10 ☐ 7.60KB, 96ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/aviapopup/jquery.magnific-popup.min.js?ver=5.6.10 ☐ 7.58KB, 18ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/tabs/tabs.js?ver=5.6.10 ☐ 1.56KB, 14ms

https://enhanc3dgenomics.com/wp-content/uploads/dynamic_avia/avia_posts_css/post-2.css?ver=ver-1710214567 ☐ 778B, 106ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia.js?ver=5.6.10 ☐ 16.0KB, 26ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/gallery/gallery.js?ver=5.6.10 ☐ 1.78KB, 15ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/gallery/gallery.css?ver=5.6.10 ☐ 1.30KB, 69ms

https://enhanc3dgenomics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1 ☐ 30.0KB, 121ms

https://enhanc3dgenomics.com/wp-content/uploads/dynamic_avia/enfold_child.css?ver=65efcc8c2a97e ☐ 19.0KB, 124ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-megamenu.js?ver=5.6.10 ☐ 2.19KB, 17ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-footer-effects.js?ver=5.6.10 ☐ 0.98KB, 8ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/masonry_entries/masonry_entries.css?ver=5.6.10 ☐ 3.69KB, 83ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/comments/comments.css?ver=5.6.10 ☐ 1.90KB, 37ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/social_share/social_share.css?ver=5.6.10 ☐ 1.62KB, 83ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-fold-unfold.js?ver=5.6.10 ☐ 2.64KB, 18ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/contact/contact.css?ver=5.6.10 ☐ 2.99KB, 69ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-site-preloader.css?ver=5.6.10 ☐ 991B, 83ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/video/video.css?ver=5.6.10 ☐ 898B, 88ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/magazine/magazine.js?ver=5.6.10 ☐ 1.08KB, 10ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-lightbox.js?ver=5.6.10 ☐ 2.73KB, 16ms

https://enhanc3dgenomics.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1 ☐ 5.08KB, 120ms

https://enhanc3dgenomics.com/wp-content/themes/enfold-child/style.css?ver=5.6.10 ☐ 1.10KB, 106ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-compat.js?ver=5.6.10 ☐ 1.28KB, 113ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/css/base.css?ver=5.6.10 ☐ 5.52KB, 55ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-lightbox.css?ver=5.6.10 ☐ 1.38KB, 95ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/portfolio/isotope.min.js?ver=5.6.10 ☐ 13.4KB, 17ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/masonry_entries/masonry_entries.js?ver=5.6.10 ☐ 3.14KB, 15ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.js?ver=5.6.10 ☐ 9.58KB, 17ms

https://enhanc3dgenomics.com/wp-content/themes/enfold/css/grid.css?ver=5.6.10 ☐ 2.72KB, 29ms

https://fonts.googleapis.com/css2?family=Outfit:wght@400;600;700&display=swap ☐ 833B, 73ms

https://fonts.gstatic.com/s/outfit/v11/QGYvz_MVcBeNP4NJtEtq.woff2 ☐ 32.0KB, 60ms

| Low | Reduce unused JavaScript LCP | Potential savings of 42.7KB |

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://www.googletagmanager.com/gtag/js?id=GT-NMCXWXL	94.5KB	42.7KB

Low	Use HTTP/2 for all resources	Potential savings of 10ms

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing.

URL	PROTOCOL
https://enhanc3dgenomics.com/	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/grid.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/base.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/layout.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/blog/blog.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/postslider/postslider.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/buttons/buttons.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/comments/comments.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/contact/contact.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/gallery/gallery.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/grid_row/grid_row.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/hr/hr.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/image/image.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/contentslider/contentslider.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/magazine/magazine.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/masonry_entries/masonry_entries.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-site-preloader.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/social_share/social_share.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/tabs/tabs.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/video/video.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/shortcodes.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-fold-unfold.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/aviapopup/magnific-popup.min.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-lightbox.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/avia-snippet-widget.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/uploads/dynamic_avia/enfold_child.css?ver=65efcc8c2a97e	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/css/custom.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold-child/style.css?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/uploads/dynamic_avia/avia_posts_css/post-2.css?ver=ver-1710214567	http/1.1
https://enhanc3dgenomics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	http/1.1
https://enhanc3dgenomics.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-js.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-compat.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/uploads/2022/07/logo_enhanc3d.png	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/waypoints/waypoints.min.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/shortcodes.js?ver=5.6.10	http/1.1
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https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/magazine/magazine.js?ver=5.6.10	http/1.1
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https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/masonry_entries/masonry_entries.js?ver=5.6.10	http/1.1
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https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-hamburger-menu.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-parallax.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-fold-unfold.js?ver=5.6.10	http/1.1
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/aviapopup/jquery.magnific-popup.min.js?ver=5.6.10	http/1.1

- https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-lightbox.js?ver=5.6.10   http/1.1
- https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-megamenu.js?ver=5.6.10   http/1.1
- https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-sticky-header.js?ver=5.6.10   http/1.1
- https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-footer-effects.js?ver=5.6.10   http/1.1
- https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia-snippet-widget.js?ver=5.6.10   http/1.1
- https://enhanc3dgenomics.com/wp-content/uploads/2022/07/EG_Symbol.png   http/1.1
- https://enhanc3dgenomics.com/wp-content/themes/enfold/config-templatebuilder/avia-template-builder/assets/fonts/entypo-fontello.woff2   http/1.1
- https://enhanc3dgenomics.com/wp-content/uploads/2022/07/favicon.png   http/1.1
- https://enhanc3dgenomics.com/wp-content/uploads/2022/07/favicon-36x36.png   http/1.1

N/A   **Avoid an excessive DOM size** `TBT`   240 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

STATISTIC	ELEMENT	VALUE
Total DOM Elements		240
Maximum DOM Depth	by 3dgenoxdt `<span class="fn">`	17
Maximum Child Elements	body#top `<body id="top" class="home page-template-default page page-id-2 stretched rtl_columns av-curtain…" itemscope="itemscope" itemtype="https://schema.org/WebPage">`	25

N/A   **Largest Contentful Paint element** `LCP`   1,740 ms

This is the largest contentful element painted within the viewport.

ELEMENT

Unlocking 3D genomics to transform therapeutic development
`<h1>`

PHASE	% OF LCP	TIMING
TTFB	9%	163ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	91%	1.6s

N/A   **Avoid serving legacy JavaScript to modern browsers** `TBT`   Potential savings of 7.01KB

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers.

URL	POTENTIAL SAVINGS
https://enhanc3dgenomics.com/wp-content/themes/enfold/js/avia.js?ver=5.6.10	7.01KB
Line:8 Column:1	`Array.isArray`

N/A	**Avoid large layout shifts** CLS	1 element found

These DOM elements contribute most to the CLS of the page.

ELEMENT	CLS CONTRIBUTION
COMPANY TECHNOLOGY NEWS & EVENTS CAREERS CONTACT `<div class="avia-menu av-main-nav-wrap">`	0.00

N/A	**Minimize main-thread work** TBT	Main-thread busy for 576ms

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Other	223ms
Script Evaluation	167ms
Style & Layout	131ms
Parse HTML & CSS	28ms
Script Parsing & Compilation	16ms
Rendering	7ms
Garbage Collection	1ms

N/A	**Reduce the impact of third-party code** TBT	Total size was 127KB

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
GOOGLE TAG MANAGER	94.5KB	0ms
• https://www.googletagmanager.com/gtag/js?id=GT-NMCXWXL	94.5KB	0ms
GOOGLE FONTS	32.9KB	0ms
• https://fonts.gstatic.com/s/outfit/v11/QGYvz_MVcBeNP4NJtEtq.woff2	32.0KB	0ms
173.170	0B	0ms

N/A	**User Timing marks and measures**

No user timings and/or marks found.